GREE
Change for Life

Service Manual

Models: GWH09MA-K3DNA3L
GWH09MA-K3DNA4L
GWH09MA-K3DNB7L
GWH09MA-K3DND3L
GWH09MA-K3DNC9L
GWH09MA-K3DNB3L
GWH12MA-K3DNA3L
GWH12MA-K3DNB3L
GWH12MA-K3DNB7L
GWH12MA-K3DNC9L
GWH12MA-K3DND3L
(Refrigerant:R410A)

GREE ELECTRIC APPLIANCES,INC.OF ZHUHAI

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acer
Empowering People

Technical Specifications

Acer Value Line

	AL1516 Ab	AL1716	AL1717	AL1916	AL1917
Size/Type	15" TFT LCD	17" TFT LCD	17" TFT LCD	19" TFT LCD or 19" wide-screen TFT LCD	19" TFT LCD
Native Resolution	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024 or 1440 x 900	1280 x 1024
Contrast Ratio	600:1	800:1	700:1 or 800:1	700:1	700:1
Horizontal Viewing Angle	130°	160°	150° or 160°	140° or 150°	150°
Vertical Viewing Angle	100°	160°	130° or 160°	140° or 135°	135°
Audio	No Speakers	No Speakers	Two integrated 1.0W speakers	No Speakers	Two integrated 1.0W speakers
Signal Connectors	VGA (analog D-sub)	VGA (analog D-sub)	VGA (analog D-sub) and DVI-D	VGA or VGA (analog D-sub) and DVI-D	VGA (analog D-sub) and DVI-D
Chassis Color	Black	Black	Black	Black	Black
Pixel Pitch	0.297 mm	0.264 mm	0.264 mm	0.294 mm	0.294 mm
Brightness (typical)	250 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²
Response Time (typical)	12ms	5ms	4ms or 5 ms	5ms or 8ms	5ms
Colors Supported	Up to 16.2 million	Up to 16.7 million	**AL1717 Bbmd** Up to 16.2 million **AL1717 Bbmd** Up to 16.2 million	Up to 16.2 million	Up to 16.2 million
Power	Voltage: 100-240V AC Adapter: internal Power consumption: 30W	Voltage: 100-240V AC Adapter: internal Power consumption: 40W	Voltage: 100-240V AC Adapter: internal Power consumption: 40W	Voltage: 100-240V AC Adapter: internal Power consumption: 44W for 19", 50W for wide-screen 19"	Voltage: 100-240V AC Adapter: internal Power consumption: 45W
Kensington® Lock	Supported	Supported	Supported	Supported	Supported
VESA Wall Mount	Supported	Supported	Supported	Supported	Supported
Dimensions	13.46" (342 mm) W X 6.61" (168.0 mm) D X 13.90" (353.0 mm) H	14.7" (375.0mm) W x 6.3" (161.0mm) D x 15.0" (380.0mm) H	**AL1717 Bbmd** 14.8" (377.0mm) W x 7.2" (182.0mm) D x 15.5" (393.0mm) H **AL1717 Fbd** 14.7" (375.0mm) W x 6.3" (161.0mm) D x 15.0" (380.0mm) H	16.6" (422.2mm) W x 6.9" (175.8mm) D x 17.0" (433.0mm) H	16.4" (416.0mm) W x 8.1" (207.0mm) D x 16.8" (427.0mm) H
Weight	8.37 lb. (3.8kg)	13.5 lb. (6.2kg)	13.5 lb. (6.2 kg)	16.5 lb. (7.5kg)	16.5 lb. (7.5kg)
Limited Warranty	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]

	AL2016W	AL2017	AL2216W	AL2416W	AL2616Wd
Size/Type	20" wide-screen TFT LCD	20" TFT LCD	22" wide-screen TFT LCD	24" wide-screen TFT LCD	25.5" wide-screen TFT LCD
Native Resolution	1680 x 1050	1400 x 1050	1680 x 1050	1920 x 1200	1920 x 1200
Contrast Ratio	800:1	600:1 or 800:1	700:1	1000:1	1600:1 (ACM)
Horizontal Viewing Angle	160°	150° or 170°	170°	160° or 178°	178°
Vertical Viewing Angle	160°	130° or 160°	160°	160° or 178°	178°
Audio	No Speakers	Two integrated 2.0W speakers	No Speakers	No Speakers	No Speakers
Signal Connectors	VGA (analog D-sub) and DVI-D	VGA (analog D-sub) and DVI-D	VGA (analog D-sub) and DVI-D (HDCP)	VGA (analog D-sub) and DVI-D (HDCP)	VGA (analog D-sub) and DVI-D (HDCP)
Chassis Color	Black or Silver	Black	Black	Silver	Silver
Pixel Pitch	0.258 mm	0.292 mm	0.282 mm	0.270 mm	0.286 mm
Brightness (typical)	300 cd/m²	300 cd/m²	300 cd/m²	400 cd/m² or 500 cd/m²	500 cd/m²
Response Time (typical)	5ms	8ms or 5 ms	5ms or 2ms gray to gray	5ms or 6ms gray to gray	5ms gray to gray
Colors Supported	Up to 16.2 million	Up to 16.2 million	Up to 16.7 million	Up to 16.7 million	Up to 16.7 million
Power	Voltage: 100-240V AC Adapter: internal Power consumption: 50W	Voltage: 100-240V AC Adapter: internal Power consumption: 55W	Voltage: 100-240V AC Adapter: internal Power consumption: 55W	Voltage: 100-240V AC Adapter: internal Maximum power consumption: 90W	Voltage: 100-240V AC Adapter: internal Power consumption: 125W
Kensington® Lock	Supported	Supported	Supported	Supported	Supported
VESA Wall Mount	Supported	Supported	Supported	Supported	Supported
Dimensions	17.6" (448.0mm) W x 8.3" (212.0mm) D x 19.4" (492.0mm) H	17.6" (448.0mm) W x 8.3" (212.0mm) D x 19.4" (492.0mm) H	20.2" (514.0mm) W x 7.8" (198.0mm) D x 16.0" (406.0mm) H	22.7" (577.0mm) W x 8.7" (221.0mm) D x 18.0" (457.0mm) H	24.3" (618.0mm) W x 8.6" (219.0mm) D x 16.1" (409.0mm) H
Weight	15.4 lb. (6.7kg)	15.4 lb. (6.7kg)	13.9 lb. (6.3kg)	27.5 lb. (12.5kg)	27.5 lb. (12.5kg)
Limited Warranty	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]	Three-year parts and labor limited warranty[1]

[1] For a free copy of the standard limited warranty end-users should see a reseller where Acer products are sold or write to Acer America Corporation, Warranty Department, P.O. Box 6137, Temple, TX
Specifications are subject to change without notice.

Acer America Corporation

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333 West San Carlos Street, Suite 1500
San Jose, CA 95110
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Service & Suport Call Center, U.S.
Repair Depot & Parts Warehouse
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Temple, TX 76503
800-816-2237
www.acersupport.com

Canadian Operations, Repair
Depot & Parts Warehouse
5540 McAdam Road
Mississauga, ON L4Z 1P1
800-565-2237
www.acer.com/ca

Contact your Acer Authorized Reseller to order or for more information.
Acer sells exclusively through resellers.

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Acer Value Line - JUN07 - www.circle-line.at

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PRECAUTIONS

- Do not use the monitor near water, e.g. near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
- Do not place the monitor on an unstable cart, stand, or table. If the monitor falls, it can injure a person and cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the monitor. If you mount the monitor on a wall or shelf, use a mounting kit approved by the manufacturer and follow the kit instructions.
- Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of the monitor and to protect it from overheating, be sure these openings are not blocked or covered. Do not place the monitor on a bed, sofa, rug, or similar surface. Do not place the monitor near or over a radiator or heat register. Do not place the monitor in a bookcase or cabinet unless proper ventilation is provided.
- The monitor should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
- The monitor is equipped with a three-pronged grounded plug, a plug with a third (grounding) pin. This plug will fit only into a grounded power outlet as a safety feature. If your outlet does not accommodate the three-wire plug, have an electrician install the correct outlet, or ground the appliance safely. Do not defeat the safety purpose of the grounded plug.
- Unplug the unit during a lightening storm or when it will not be used for long period of time. This will protect the monitor from damage due to power surges.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- Never push any object into the slot on the monitor cabinet. It could short circuit parts causing a fire or electric shock. Never spill liquids on the monitor.
- Do not attempt to service the monitor by yourself; opening or removing covers can expose you to dangerous voltages and other hazards. Please refer all servicing to qualified service personnel.
- To ensure satisfactory operation, use the monitor only with UL listed computers which have appropriate configured receptacles marked between 100 - 240V AC, Min. 5A.
- The wall socket shall be installed near the equipment and shall be easily accessible.

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SPECIAL NOTES ON LCD MONITORS

The following symptoms are normal with LCD monitor and do not indicate a problem.

NOTES

- Due to the nature of the fluorescent light, the screen may flicker during initial use. Turn off the Power Switch and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- The LCD screen has effective pixels of 99.99% or more. It may include blemishes of 0.01% or less such as a missing pixel or a pixel lit all of the time.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the Power Switch for hours.

BEFORE YOU OPERATE THE MONITOR

FEATURES

- 48cm(19") TFT Color LCD Monitor
- Crisp, Clear Display for Windows
- ***Recommened Resolutions: 1280 X 1024 @60Hz***
- EPA ENERGY STAR®
- Dual Input (DVI + Analog) (Only dual-input model)
- Ergonomic Design (TCO'03 Approved)
- Space Saving, Compact Case Design

CHECKING THE CONTENTS OF THE PACKAGE

The product package should include the following items:

1. LCD Monitor
2. Owner's Manual
3. Power Cord
4. 15-pin D-Sub Cable
5. DVI Cable (Only dual-input model)
6. Audio Cable
7. Pivot Software (Only AL1922 r)
8. Quick Start Guide

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CE Declaration

This monitor, AcerView 56c, complies with 72/23/EEC and 89/336/EEC modified by 92/31/ECC. These directives refer to EMC.

Canadian Department of Communications *Regulatory Statement*

This digital apparatus does not exceed Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

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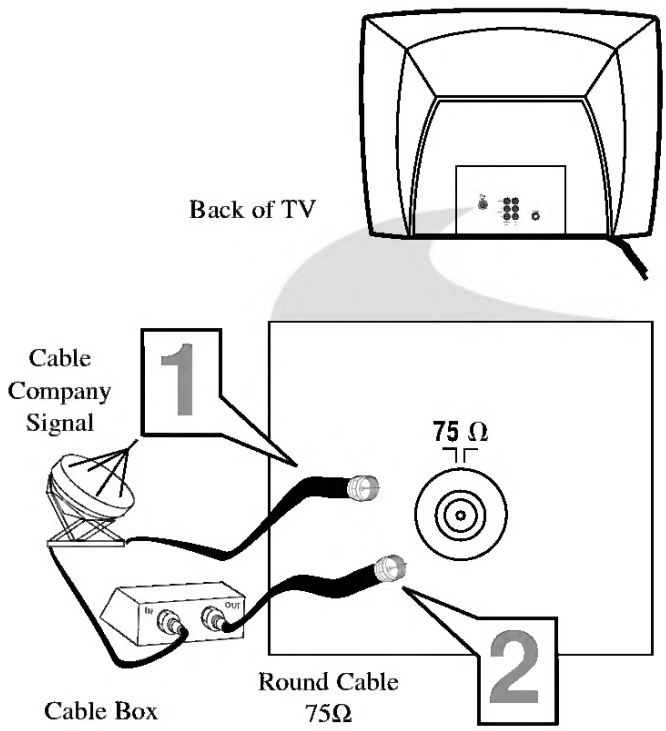
1 BASIC CABLE/CABLE BOX CONNECTIONS

Your home's signal input might come from a single (75 ohm) round cable, or a Converter Box supplied by your cable company. In any case, the connection to the TV is very easy.

1 **If your Cable TV signal is a round cable** (75 ohm) then you're ready to connect to the TV.
If you have a Cable Converter Box: Connect the Cable TV signal to the Cable Signal IN(put) plug on the Converter.

2 **Connect the Cable TV** cable to the 75Ω plug on the TV.
If you have a Cable Converter Box: Connect the OUT(put) plug from the Converter to the 75Ω plug on the TV.

Cable/Cable Box Connection



HELPFUL HINT

Be sure to set the TV for the type signal you've connected (see the "Tuner Mode" section of this manual.) For the connection shown on this panel, choose the CABLE or AUTO option within the Tuner Mode Control.

To select channels specific to your area, use the "Auto Program" or "Channel Edit" features described on panel 10 of this manual.

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Risk of damage to the TV!

- Before you connect the TV to the power outlet, ensure that the power voltage matches the value printed on the back of the TV. Never connect the TV to the power outlet if the voltage is different.
- If you need to store the TV, disassemble the stand from the TV. Never lay the TV on its back with the stand installed.

Risk of injury, fire or power cord damage!

- Never place the TV or any objects on the power cord.
- To easily disconnect the TV power cord from the power outlet, ensure that you have full access to the power cord at all times.
- When you disconnect the power cord, always pull the plug, never the cable.
- Disconnect the TV from the power outlet and antenna before lightning storms. During lightning storms, never touch any part of the TV, power cord or antenna cable.

Risk of hearing damage!

- Avoid using earphones or headphones at high volumes or for prolonged periods of time.

Low temperatures

- If the TV is transported in temperatures below 5°C or 41°F, unpack the TV and wait until the TV temperature matches room temperature before connecting the TV to the power outlet.

Screen care

- Avoid stationary images as much as possible. Stationary images are images that remain on-screen for extended periods of time. Examples include: on-screen menus, black bars and time displays. If you must use stationary images, reduce screen contrast and brightness to avoid screen damage.
- Unplug the TV before cleaning.
- Clean the TV and frame with a soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the TV.
- Risk of damage to the TV screen! Never touch, push, rub or strike the screen with any object.
- To avoid deformations and colour fading, wipe off water drops as soon as possible.

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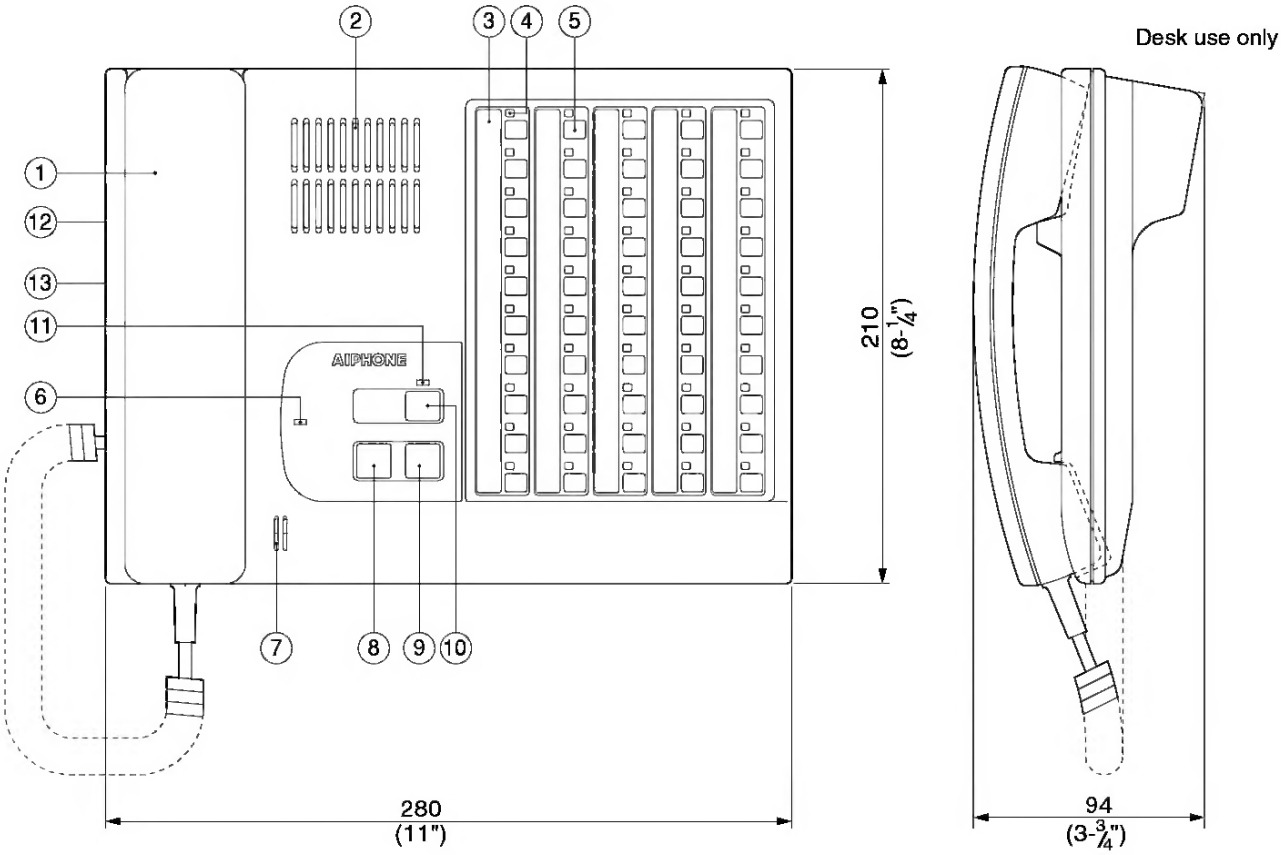
2 NAMES & FEATURES

■ NHX-50M



NHX-50M

1. Handset
2. Speaker
3. Directory
4. Sub call-in LED
5. Sub selector button
6. Power on LED
7. Mic.
8. OFF button
9. TALK button
10. TONE-OFF button
11. Attendance LED
12. RECEIVE VOL.
13. TONE VOL. See OPERATIONS section.

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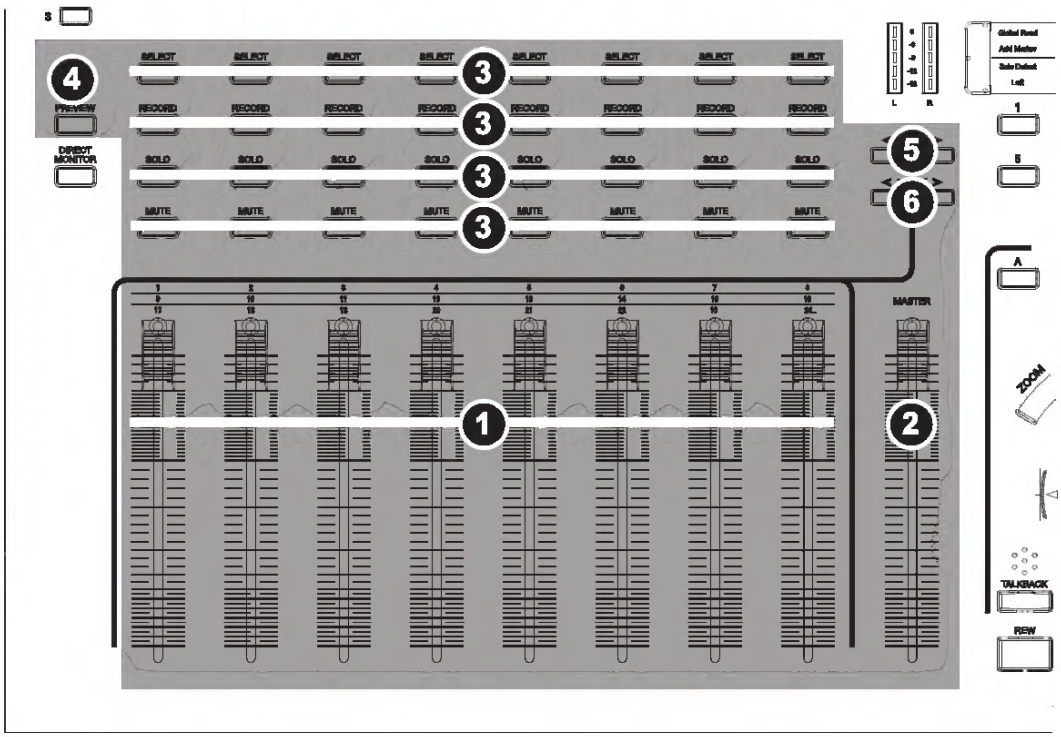
(B) DAW CONTROL: CHANNELS



1. **CHANNEL FADER** – Use this 100mm, touch-sensitive fader to adjust the volume levels of each channel. The exact level will be shown in the DISPLAY.

2. **MASTER FADER** – This fader controls the DAW's master fader. Note that different DAWs control this fader differently. Some DAWs, such as Pro Tools, do not make use of the fader at all.

3. **SELECT / RECORD / SOLO / MUTE** – These buttons control the corresponding functions in your DAW.

4. **PREVIEW** – Using this button to keep from becoming "lost" on the control surface. Press and hold PREVIEW and manipulate a control to see its operation and, if applicable, the DAW project's corresponding track name on the LCD display. As long as PREVIEW is held down, communication with the DAW will be suspended for most controls.

5. **< BANK >** – Use these buttons to move through your DAW project's channels in banks of eight. The first and last fader assignments for the selected bank will be shown in the DISPLAY.

6. **< TRACK >** – Use these buttons to move through your DAW project's channels one at a time.

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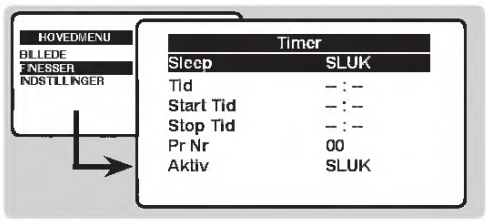
Vækning

Ved hjælp af denne menu kan du bruge fjernsynet som vækkeur.

1. Marker **FEATURES** (Funktioner) i **MAIN MENU** (Hovedmenu), og tryk på højre markørknap.
2. Marker **TIMER** (Timer), og tryk på højre markørknap.
   Følgende elementer vises:

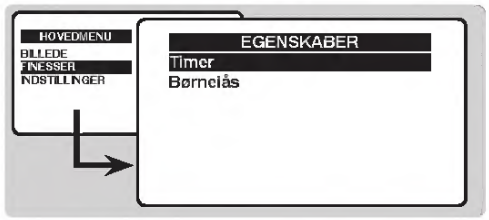


3. **Sleep**: Til at vælge varigheden af den automatiske standbyfunktion.
4. **Tid**: Indtast det aktuelle klokkeslæt.
5. **Start Tid**: Indtast starttidspunktet.
6. **Stop Tid**: Indtast tidspunktet for aktivering af standby.
7. **Pr. nr.**: Indtast nummeret på det program, der skal vække dig.
8. **Aktiv**: Du kan indstille følgende:
   - **En gang** for vækning en enkelt gang,
   - **Daglig** for vækning hver dag,
   - **Sluk** for at annullere.
9. Tryk på tasten ⏻ for at indstille fjernsynet på standby. Det tænder automatisk igen på det programmerede tidspunkt.
   Hvis du lader fjernsynet være tændt, skiftes der program på det programmerede tidspunkt (og der indstilles på standby på tidspunktet for **Stop Tid**).

Låsning af fjernsynet

Med denne menu kan du ved at låse tasterne forhindre.

1. Marker **FEATURES** (Funktioner) i **MAIN MENU** (Hovedmenu), og tryk på højre markørknap.
2. Marker **CHILDLOCK** (Forældrestyring), og tryk på højre markørknap.



3. Indtast adgangskoden. Indtast koden **0711**, første gang. Herefter vises menuen.
4. Næste gang, du tænder fjernsynet, skal du angive den hemmelige adgangskode for at få adgang til programmerne.
5. Fjernsynet kan nu ikke bruges. Indtast adgangskoden. Sådan annulleres funktionen: Indstil **Børnelås** på **SLUK**.
6. Hvis du vil ændre koden, skal du vælge **Nyt Kodeord** og indtaste en ny firecifret kode. Bekræft adgangskoden ved at indtaste den endnu en gang.
   Indtast den universelle kode (0711), hvis du har glemt din adgangskode.
7. Tryk flere gange på tasten MENU for at afslutte menuerne.

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TAPE PLAYBACK

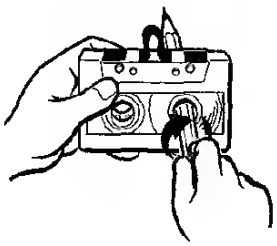
Switching modes

When the unit is in Radio or CD Changer Play mode, inserting a cassette switches the unit to Tape Play mode automatically.

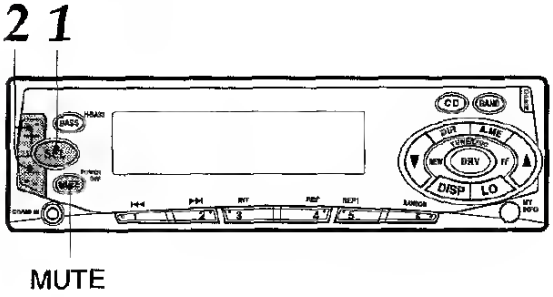
To prevent tape problems

Before inserting a cassette into the unit, make sure that there is no slack in the tape. If necessary, take up the slack by inserting a pencil into the spindle hole and winding.

Tapes of 90 minutes or longer are extremely thin and easily deformed or damaged. They are not recommended.



SOUND ADJUSTMENTS



1 **Press SEL to select the mode that you wish to adjust from: VOL (volume), BASS (bass), TRE (treble), BAL (balance) and FAD (fader).**

The following indications appear in cyclic order.

If you do not proceed with step 2 within 5 seconds, the selected mode is canceled, and the indication returns to the current source mode.

2 **Press +/— to adjust the level.**

Press and hold either button to change the level rapidly.

	—	+
VOL	Decreases the volume level	Increases the volume level
BASS	Decreases the bass level	Increases the bass level
TRE	Decreases the treble level	Increases the treble level
BAL	Decreases the level of the right speaker(s)	Decreases the level of the left speaker(s)
FAD	Decreases the level of the front speakers	Decreases the level of the rear speakers

Without selecting any mode with SEL, only the volume level can be adjusted by pressing +/—.

MUTE button

Press this button to temporarily lower the volume. Press it again to restore the previous volume.

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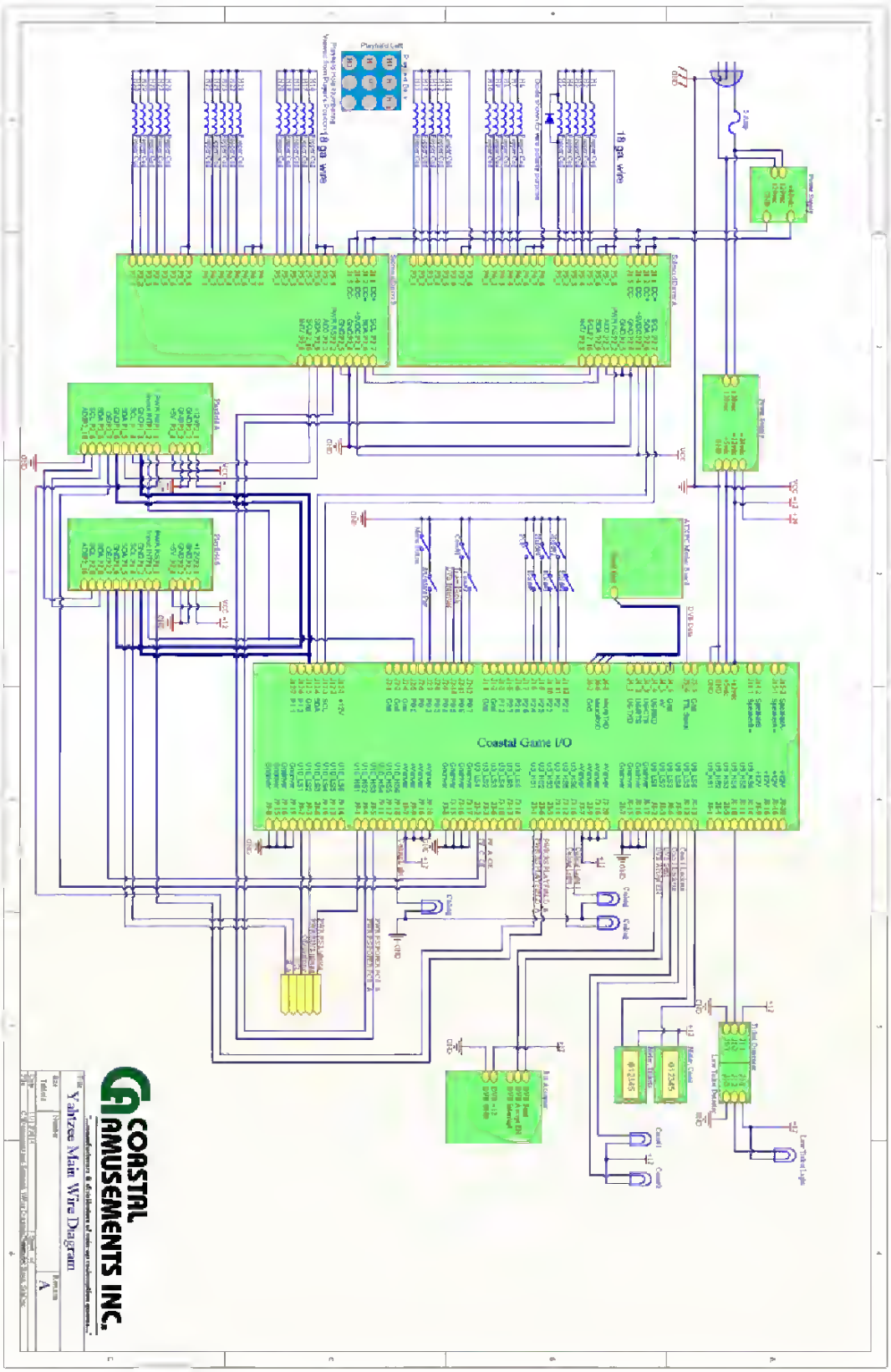
YAHTZEE BLOCK DIAGRAM



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INFORMATIONS RÉGLEMENTAIRES DE L'ADAPTATEUR SANS-FIL

Précaution pour l'utilisation en avion

Attention Les réglementations de la FCC et de la FAA interdisent le fonctionnement en vol des appareils sans fil à radiofréquence (adaptateurs sans fil) car leurs signaux pour aient interférer avec les instruments de vol critiques.

L'adaptateur sans fil et votre santé

L'adaptateur sans-fil, comme les autres appareils radio émet de l'énergie électromagnétique des radiofréquences. Le niveau d'énergie émis par l'adaptateur sans-fil, cependant, est inférieur à l'énergie électromagnétique émise par d'autres appareils sans-fil comme les téléphones cellulaires. L'adaptateur sans-fil fonctionne en respect des consignes définies dans les normes et recommandations de sécurité des radiofréquences
Ces normes et recommandations reflètent le consensus de la communauté scientifique et résultent de délibérations de panels et de comités de scientifiques qui étudient et interprètent la littérature de recherches approfondies en permanence. Dans certaines situations ou environnements, l'utilisation de l'adaptateur sans-fil peut être restreinte par le propriétaire du bâtiment ou les responsables de l'organisation applicable
Des exemples de telles situations peuvent inclure
Utiliser l'adaptateur sans-fil à bord des avions, ou
Utiliser l'adaptateur sans-fil dans tout autre environnement où le risque d'interférence avec d'autres appareils ou services est perçu ou identifié comme étant nuisible.
Si vous êtes incertain de la politique qui s'applique à l'utilisation d'adaptateurs sans-fil dans une organisation ou un environnement spécifique (un aéroport, par exemple), nous vous invitons à demander l'autorisation d'utiliser l'adaptateur avant de l'activer

USA—FCC et FAA

La FCC avec son action dans le registre ET 96-8 a adopté une norme de sécurité pour l'exposition humaine aux radiofréquences (RF) émise par les équipements certifiés par la FCC. L'adaptateur sans fil est conforme aux limites d'exposition humaine du bulletin OET 65 supplément C 2001 et ANSI/IEEE C95.1 1992. Une bonne utilisation de cette radio selon les instructions contenues dans ce manuel entraînera une exposition considérablement inférieure aux limites recommandées par la FCC
Les précautions de sécurité suivantes doivent être respectées.
Ne touchez pas on ne déplacez pas l'antenne lorsque l'appareil transmet ou reçoit.
Ne tenez aucun composant contenant la radio de telle manière que l'antenne soit très proche ou touche les parties exposées du corps en particulier le visage ou les yeux, pendant l'émission
Ne faites pas fonctionner la radio ou n'essayez pas de transmettre des données à moins que l'antenne ne soit branchée ce comportement peut endommager la radio
Utiliser d'ans des environnements spécifiques
L'utilisation des adaptateurs sans fil dans des lieux dangereux est limitée par les contraintes imposées par les responsables de la sécurité de ces environnements
L'utilisation des adaptateurs sans-fil dans les avions est régie par le FAA (Administration fédérale de l'aviation)
L'utilisation des adaptateurs sans fil dans les hôpitaux est restreinte par les limites fixées par chaque hôpital
Le produit est conforme à la limite d'exposition aux RF portables de la FCC établies pour un environnement non contrôlé et n'est sujet à aucun exigence pour le fonctionnement prévu comme décrit dans ce manuel. Une réduction supplémentaire de l'exposition aux radiofréquences peut être réalisée si le produit est éloigné au si loin que possible du corps de l'utilisateur ou si l'appareil peut être réglé pour réduire la puissance de sortie si cette fonction est disponible

Avertisseur de proximité aux appareils explosifs

Avertissement N'utilisez pas un émetteur portable (y compris cet adaptateur sans-fil) à proximité de détonateurs non blindés au dans un environnement explosif à moins que l'émetteur n'ait été modifié pour être qualifié pour une telle utilisation

Déclaration sur les interférences

Cet équipement a été testé et reconnu conforme aux normes applicables au matériel informatique de Classe B en vertu de l'article 15 des Réglementations de la FCC. Ces normes visent à fournir aux installations résidentes une protection raisonnable contre les interférences. Cet appareil génère utilise et peut diffuser des signaux radioélectriques. S'il n'est pas installé et employé conformément aux instructions il peut provoquer des interférences nuisibles aux communications radio On ne peut pas garantir cependant que de telles interférences ne se produiront pas dans certaines installations. Si l'appareil est à l'origine de nuisances dès-lors qu'on en reçoit on de la radio ou de la télévision, ce que l'on peut déterminer en l'allumant puis en l'éteignant, il est recommandé à l'utilisateur de prendre l'une des mesures suivantes pour tenter de remédier à ces interférences
Réorientez ou déplacez l'antenne réceptrice de l'équipement subissant l'interférence.
Augmentez la distance entre l'adaptateur sans-fil et l'équipement subissant l'interférence
Connectez l'ordinateur avec l'adaptateur sans-fil à une prise appartenant à un circuit différent de celui auquel l'équipement subissant l'interférence est connecté
Consultez le fournisseur on un technicien radiotélévision expérimenté

Informations sur l'exposition RF (DAS) de la FCC

Cet appareil répond aux exigences du gouvernement pour les expositions aux ondes radio. Cet appareil a été conçu et fabriqué pour ne pas dépasser les limites d'émission concernant l'exposition à l'énergie de radio fréquence (RF) définies par la Commission fédérale des communications (FCC) du gouvernement des États Unis
Le standard d'exposition pour les appareils sans-fil utilise une unité de mesure dénommée la dose d'absorption spécifique ou DAS La limite DAS définie par la FCC est 1 6 W/kg Des tests de DAS ont été conduits tn en utilisant les positions d'opération standards acceptées par la FCC alors que l'appareil transmettait à son plus haut niveau d'alimentation certifié et dans toutes les bandes de fréquences testées.
Bien que la DAS soit déterminée au plus haut niveau d'alimentation certifié le niveau de DAS effectif de l'appareil pendant son utilisation peut être très en deçà de la valeur maximum Ceci est dû au fait que l'appareil a été conçu pour être utilisé à différents niveaux d'alimentation de manière à n'utiliser que le niveau nécessaire pour atteindre le réseau
En général, plus vous êtes proche d'une antenne station sans-fil mtms la sortie d'alimentation sera importante Bien qu'il puisse y avoir des différences entre les niveaux DAS de divers appareils et dans différentes positions ils remplissent tous l'exigence du gouvernement
La FCC a accordé une autorisation d'équipement pour ce modèle d'appareil avec tous les niveaux de DAS mesurés comme respectant les recommandations d'exposition RF de la FCC Les informations DAS pour ce modèle d'appareil sont enregistrées auprès de la FCC et peuvent être consultées sous la section Display Grant de www fcc gov/oet/ea/fccid en recherchant l'ID FCC pour votre appareil

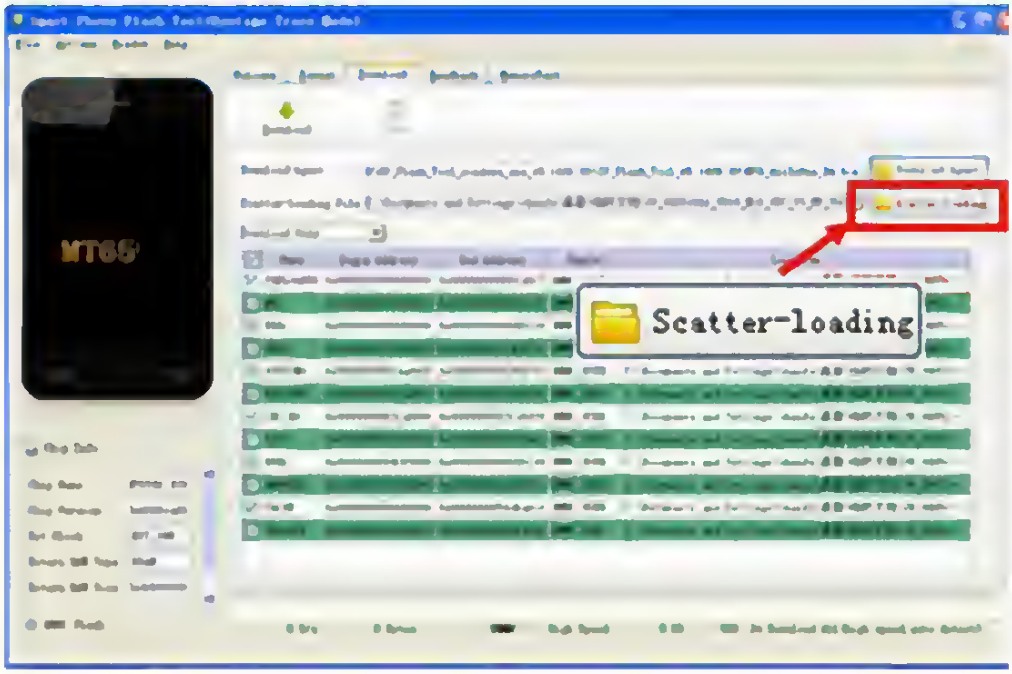
Informations DAS

Informations sur l'exposition RF (DAS)
Cet appareil est conforme aux exigences de l'UE (1999/519/EC) sur la limitation d'exposition du public général aux champs électromagnétiques pour protéger la santé Ces limites font partie des recommandations étendues pour la protection du public général Ces recommandations ont été développées et vérifiées par des organisations scientifiques indépendantes via des évaluations régulières et détaillées d'analyses scientifiques Pour garantir la sécurité de toutes les personnes quel que soit l âge ou la santé ces limites incluent une zone de sécurité importante Avant de pouvoir mettre en circulation des appareils radio la conformité aux lois on aux limites européennes doit être confirmée avant que le symbole CE puisse être utilisé
L'unité de mesure de la santé recommandée par le Conseil Européen pour les appareils mobiles est le « débit d'absorption spécifique » (DAS) Cette limite DAS est 2 0 W/kg sur une moyenne de 10 g de peau. Ceci est conforme aux exigences de la Commission internationale sur la radioprotection non ionisante (ICNIRP) La valeur maximale de DAS est calculée pour le niveau de sortie le plus fort dans toutes les bandes de fréquences de l'appareil mobile. La valeur de DAS la plus élevée connaissable avec ce standard pendant la certification du produit pour l'utilisation de l'appareil à une distance de 1 5 cm du corps
Pendant l'utilisation le niveau DAS est bien inférieur à la valeur maximale car l'appareil mobile fonctionne avec différents niveaux de sortie Il émet seulement ce qui est nécessaire pour atteindre le réseau En général, ce qui suit s'applique Plus vous êtes proche de la station de base plus la sortie de transmission de votre appareil mobile est faible

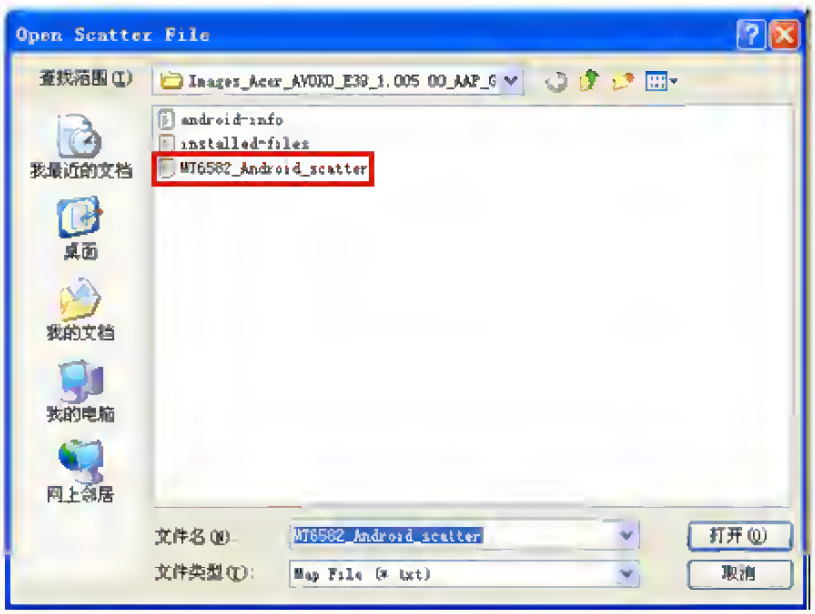
Environnement

Température
- En marche 0 °C à 35 °C
- À l'arrêt 20 °C à 60 °C

Humidité (sans condensation)
- En marche 20% à 80%
- À l'arrêt 20% à 90%



E. Select and open "MT6582_Android_scatter".



F. Select the Download type

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1.7 Error Messages

In the event that you receive an error message, do not continue using the computer. Note the message and take corrective action immediately. This section describes the different types of error messages and suggests corrective measures.

There are two general types of error messages:

- Software
- System

1.7.1 Software Error Messages

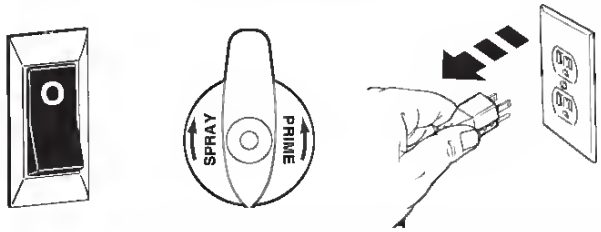
Software error messages are returned by your operating system or application. These messages typically appear after you boot the operating system or when you run your applications. If you receive this type of message, consult your application or operating system manual for help.

1.7.2 System Error Messages

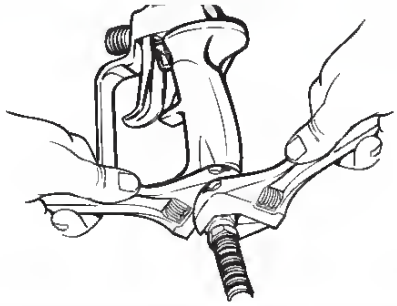
A system error message indicates a problem with the computer itself. These messages normally appear during the power-on self-test, before the operating system prompt appears. Table 1-1 lists the system error messages.

Cleanup - Cleaning the Spray Gun Components

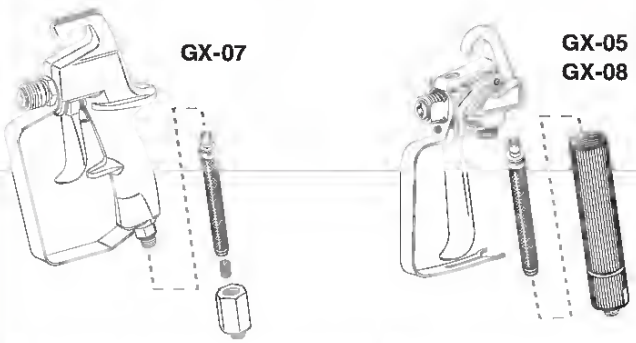
1. Make sure the pump is switched OFF (O). Make sure the PRIME/SPRAY knob is turned to PRIME. Unplug the sprayer.



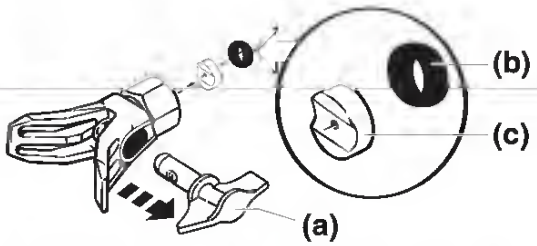
2. Remove spray gun from the paint hose using adjustable wrenches.



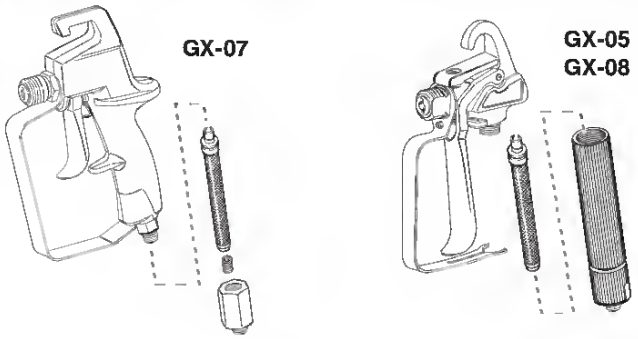
3. Remove filter from spray gun (refer to **Cleaning the Spray Gun Filter,** page 12).



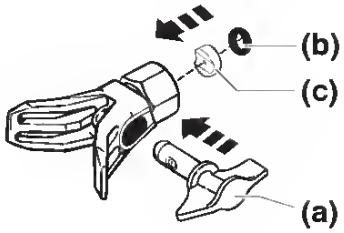
4. Remove spray tip **(a)** from spray guard assembly. Clean spray tip with a soft-bristled brush and the appropriate cleaning solution. Be sure to remove and clean the washer **(b)** and saddle seat **(c)** located in the rear of the spray guard assembly.



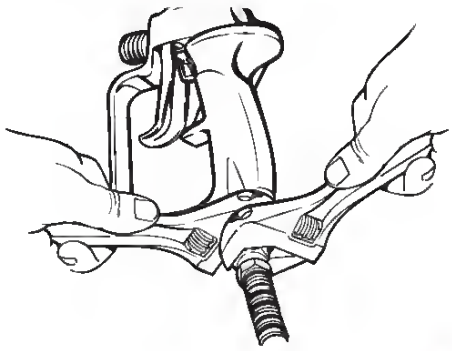
5. Install gun filter tapered-end first. Reassemble spray gun.



6. Install spray tip **(a)**, saddle seat **(c)** and washer **(b)**, and replace spray guard assembly.



7. Thread the spray gun back onto the paint hose. Tighten with a wrench.



TOTAL POWER	G20 (2H) 20 mbar = 8 kW G30 (3+) 28-30 mbar = 567 g/h G31 (3+) 37 mbar = 557 g/h
Electric supply	230 V ~ 50 Hz 3 core flexible cable with non rewireable plug fitted with a 3 amp cartridge fuse
Gas connection	G 1/2 "
Category	II2H3+
Gas supply	G20 (2H) 20 mbar
Appliance class	3

By-pass diameters

Burner	Ø By-pass in 1/100 mm
Auxiliary	28
Semi-rapid	32
Rapid	42

Gas burners

BURNER	NORMAL POWER	REDUCED POWER	NORMAL POWER				
			NATURAL GAS G20 (2H) 20 mbar		LPG (Butane/Propane) G30/G31 (3+) 28-30/37 mbar		
	kW	kW	inj. 1/100 mm	m^3/h	inj. 1/100 mm	G30 28-30 mbar g/h	G31 37 mbar g/h
Auxiliary burner	1.0	0.33	70	0.095	50	73	71
Semi-rapid burner	2.0	0.45	96	0.190	71	145	143
Rapid burner	3.0 (natural gas) 2.8 (LPG)	0.75	119	0.286	86	204	200

ENVIRONMENT CONCERNS

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product,

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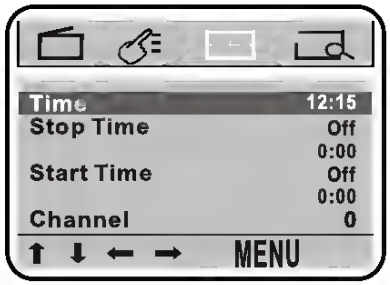
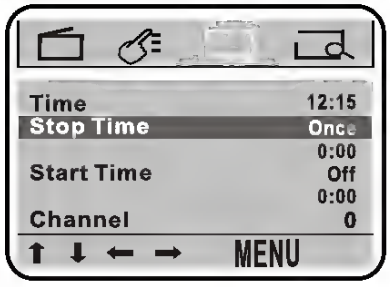
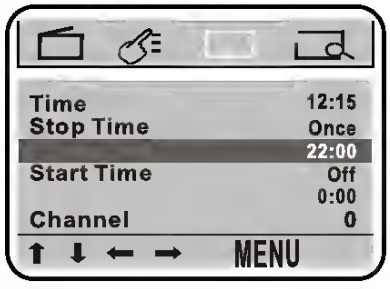
Specifications 5

Picture Tube	
Size	17" (43cm) diagonal
Type	High-contrast, FST
Dot pitch	0.25mm dot pitch
Surface coating	AR, AS coating
Maximum Viewable Size	15.7" (40.0cm) diagonal
Power Supply (Universal)	
Input voltage	100~240 V AC, 50~60 Hz
Power consumption	110W (without USB) / 125W (with USB)
Max. Resolution	1280 x 1024
Horizontal Frequency	30-86 KHz
Vertical Frequency	50-120 Hz
Video Bandwidth	135MHz
Video Input	15-pin mini D-sub connector
Adjustable Timing	13 factory preset, 9 user mode
User's Control	Intelligent On-Screen Display (OSD), 4 buttons
X-Radiation	DHHS, PTB
Regulatory Compliance	UL, CSA, FCC-B, TÜV/Ergonomics, MPRII, VCCI, CE, ISO-9241-3, D.N.S.F., TCO'95 (optional)
Plug & Play	DDC1/2B
USB (optional)	1 up stream, 4 down stream
Ambient Temperature	
Operating	+5°C ~ +40°C / +41°F ~ +104°F
Storage	-20°C ~ +60°C / -4°F ~ +140°F

TIMER FUNCTION

Timer function is provided by the microcomputer of TV set. Once it is set, the Start/Stop time and time displaying functions can start functioning. The TV set will keep the correct time as long as the main power is on, even if the TV has been turned off into standby mode.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until TIMER menu is selected.	
3	C+ / C-	Select Time.	
4	V- / V+	Set the current time, e.g. 12:15.	
5	C+ / C-	Select Stop Time.	
6	V- / V+	Select among Off, Once, Daily.	
7	C-	If you have selected Once or Daily in step 6, press the button to select 0:00.	
8	V- / V+	Set the Stop Time, e.g. 22:00.	

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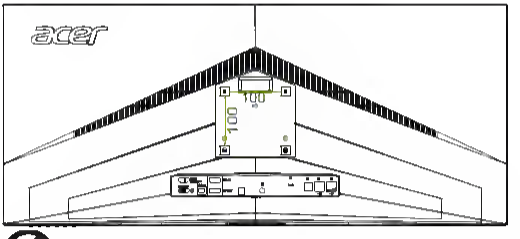
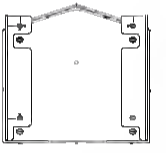
Mounting the monitor



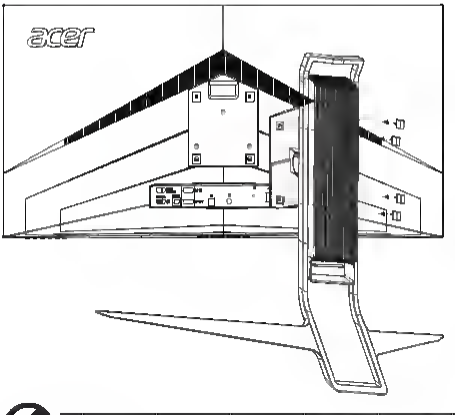


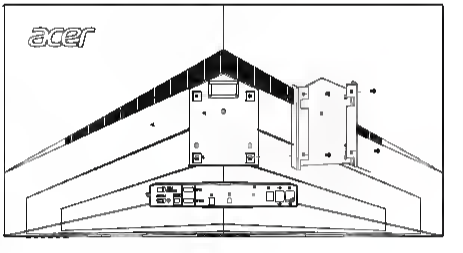
Wall mount BKT

*Purchased separately

Note:

- The LCD monitor shall only be used with an approved arm (e g GS mark).
- To meet the safety requirements, the monitor must be mounted to an arm that supports the weight of the monitor
- This monitor supports the VESA industry standard 100 mm mounting holes.





Note:

The monitor could be mounted to the wall through mounting bracket, the steps as below,

1. Remove the stand from the monitor, keep the four screws(M4*10.0mm).
2. To attach the monitor to a mounting bracket (purchased separately)
   2.1 Attach the wall mount BKT with four M4*8.0mm screws, tighten it to the back of the monitor;
   2.2 Attach the mounting bracket with four M4*10.0mm screws, tighten it to the wall mount BKT.

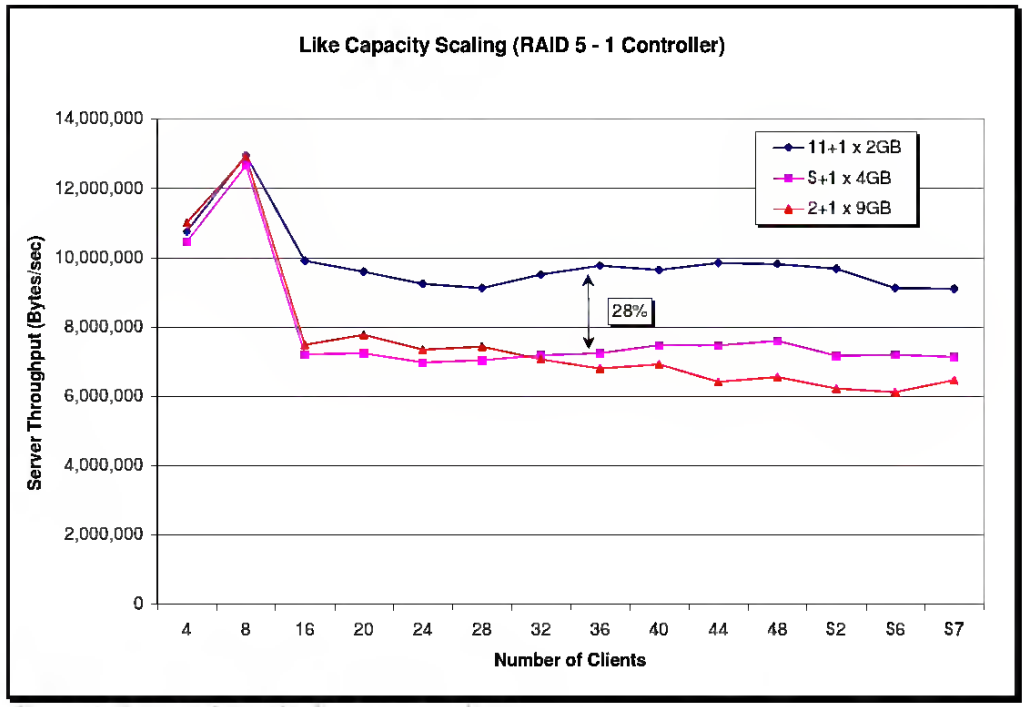


Figure 12. Like Capacity Scaling in a RAID 5 Environment.

Table 9 lists the advantages and disadvantages of like capacity scaling. Review and consider these items before making any decisions on what is right for your environment.

Table 9:
Like Capacity Scaling Advantages and Disadvantages

Advantages	Disadvantages
Eliminates bottlenecks because you minimize seek time.	Purchasing more disks for the same amount of disk space could be viewed as a more expensive solution for your environment. For example, purchasing four 2GB drives instead of two 4GB drives.
Increases I/O concurrency because you have more drives processing disk requests.	By not buying the latest technology, you might be missing new features that increase performance. For example, the latency time for a new 9GB disk might be faster than an older 4GB disk.
Higher number of drives, improves the performance (more concurrency).	Using smaller size drives limits your maximum capacity per controller. For example, the Compaq SMART-2 Array Controller supports up to 14 drives. By using fourteen 2GB drives, your data capacity equals 28GB. By using fourteen 4GB drives, your data increase to 56GB.
	By adding more drives to your system you have more disks to manage, thus increasing the probably of disk failure.

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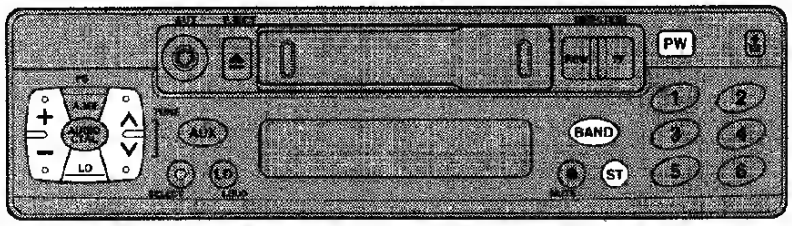
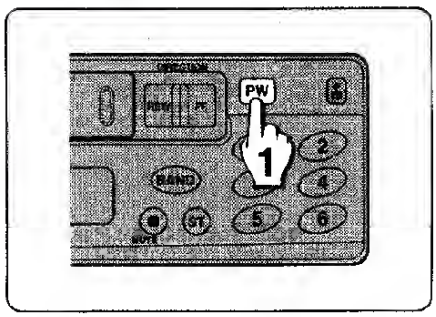
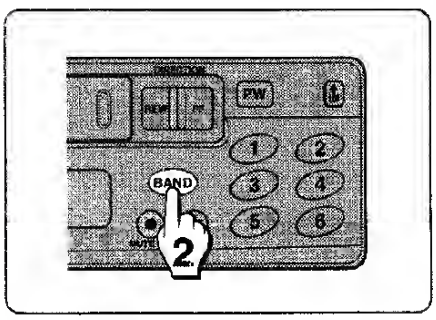
FUNCIONAMIENTO DE LA RADIO

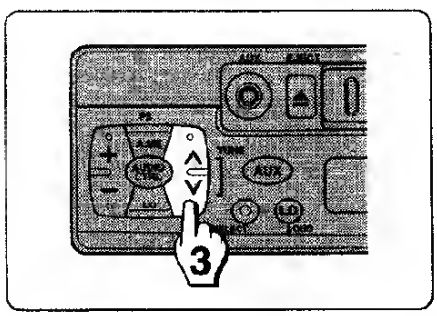




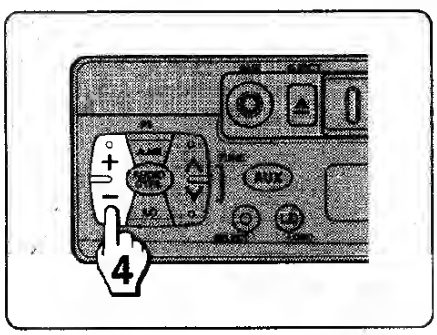
1 Presione PW para conectar la radio.
Aparece la frecuencia de sintonización de la radio.



2 Presione BAND para seleccionar de las bandas FM1, FM2, FM3 y AM.
Se irán encendiendo los indicadores de banda en orden. (FM1, FM2 y FM3 comparten la misma gama de frecuencias.)



3 Presione (durante menos de 0,5 de segundo) TUNE ∧ o TUNE ∨ varias veces hasta sintonizar la estación deseada.
Presione ∧ para subir y ∨ para bajar la frecuencia.



4 Auste el volumen con +/−.

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WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:
- **Disconnect electric power to the tumble dryer before servicing.**
- **Close gas shut-off valve to gas tumble dryer before servicing.**
- **Close steam valve to steam tumble dryer before servicing.**
- **Never start the tumble dryer with any guards/panels removed.**
- **Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the tumble dryer is properly grounded.**

W002R1

Daily Maintenance

Inspect the area surrounding tumble dryers, remove all combustible materials, including lint, before operating the machine								
Check cylinder for foreign objects to avoid damage to clothing and equipment								
Clean lint from lint compartment and screen to maintain proper airflow and avoid overheating								

Monthly Maintenance

Remove lint and debris from inside exhaust duct to maintain proper airflow and avoid overheating								
Ensure even lint distribution over lint screen, replace if distribution of lint is uneven to maintain proper airflow and avoid overheating								
Carefully wipe any accumulated lint off the cabinet high limit thermostat and thermistor, including perforated cover. Lint buildup will act as an insulator, causing machine to overheat.								
Clean lint and debris buildup from blower to maintain proper airflow, avoid overheating and prevent possible vibration								

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Conversion from Natural Gas to LPG

It is important to note that this model is designed for use with natural gas but can be converted for use with butane or propane gas providing the correct injectors are fitted and the gas rate is adjusted to suit.

Method

1) Ensure that the gas taps are in the 'OFF' position
2) Isolate the hob from the electricity supply
3) Remove all pan supports, burner caps, rings, crowns and control knobs.
4) With the aid of a 7mm box spanner the burner injectors can then be unscrewed and replaced by the appropriate LPG injectors.

TO ADJUST THE GAS RATE

With the aid of a thin bladed screwdriver completely tighten down the by pass adjustment screw, which is located down the centre of the gas tap control shaft. Upon completion stick the replacement rating plate on the under side of the hob.

IMPORTANT

The replacement/conversion of the gas hob should only be undertaken by a competent person

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How to Use the Active Control

The Active Control monitors and adjusts incoming video signals to help provide the best picture quality.

When you choose to turn the Active Control ON, the picture sharpness and noise reduction are controlled automatically. Active Control adjusts these picture settings continuously and automatically.

***NOTE:** Active Control is not available for signals connected to the AV4 inputs.*

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left.

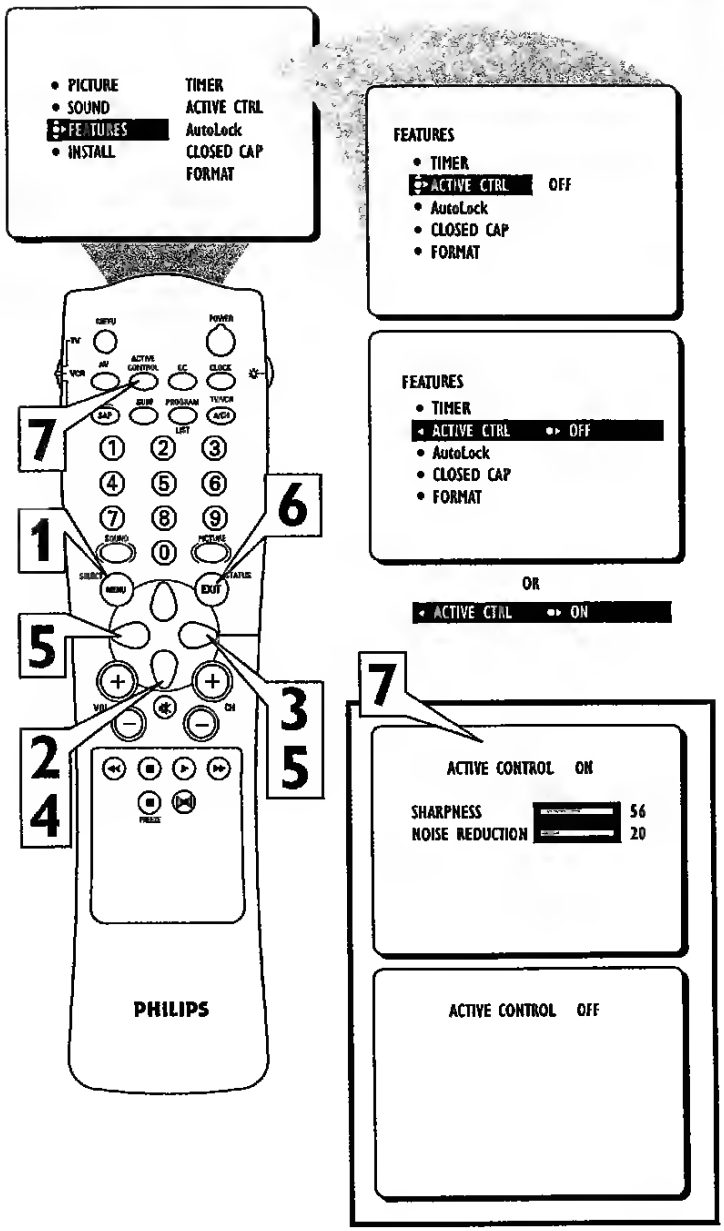
4 **Press the CURSOR DOWN button** repeatedly until the ACTIVE CTRL (control) is highlighted.

5 **Press the CURSOR RIGHT or CURSOR LEFT button** repeatedly to toggle the ACTIVE CONTROL ON or OFF.

6 **Press the STATUS/EXIT button** to remove the menu from the screen.

---

7 **You can also press the ACTIVE CONTROL button** on the remote control to toggle the ACTIVE CONTROL ON or OFF.



☑ Check It Out

Toggle the ACTIVE CONTROL ON with the remote control and a screen display will appear showing the Active Control in work. You will see the sharpness and noise reduction settings changing to provide the best possible picture quality.

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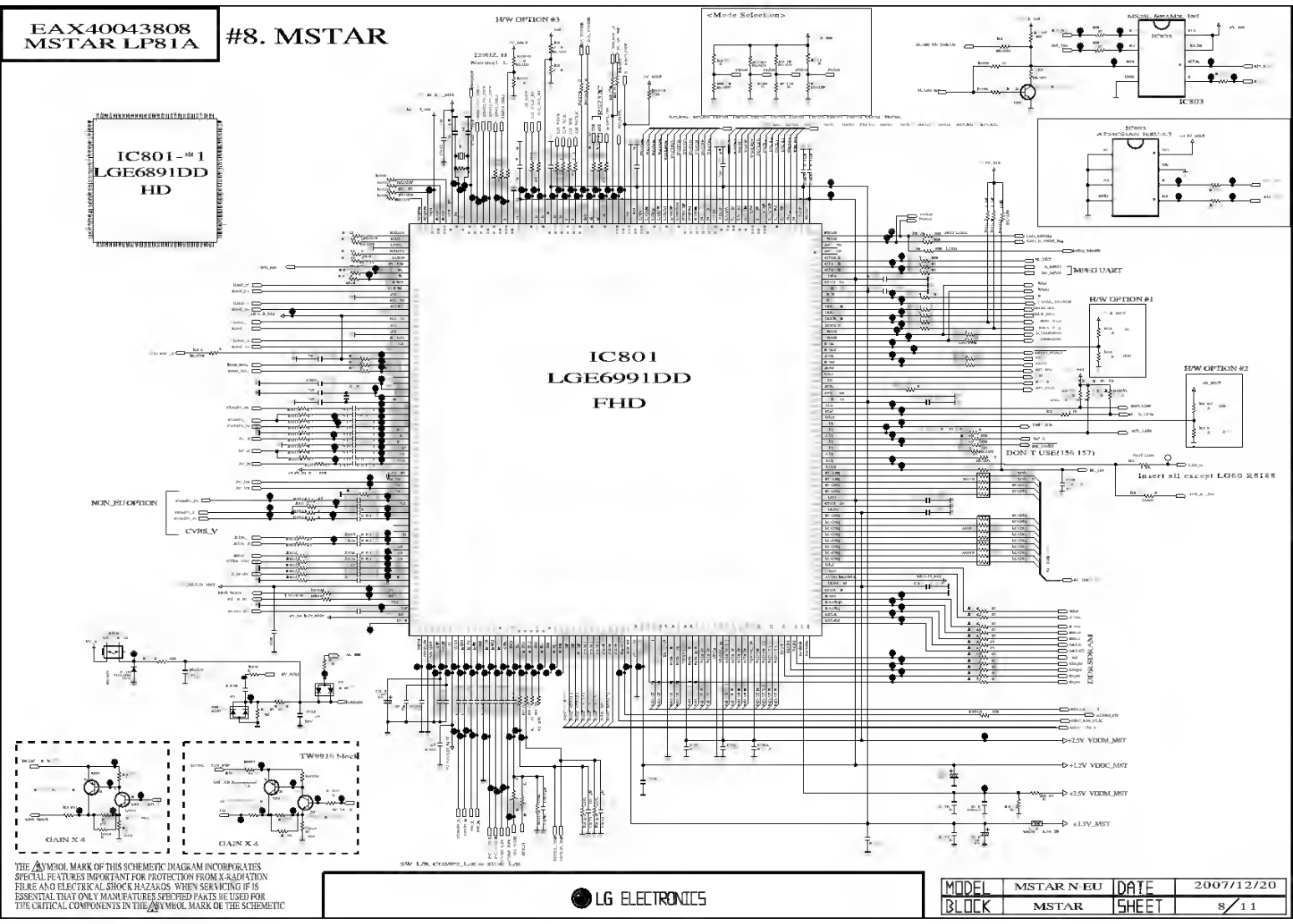
EAX40043808
MSTAR LP81A

#8. MSTAR



THE ⚠ SYMBOL MARK OF THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION FIRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMETIC

LG ELECTRONICS

MODEL	MSTAR N-EU	DATE	2007/12/20
BLOCK	MSTAR	SHEET	8/11

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Säkerhetsinformation

- Anslut TV-apparaten i ett 220V – 240V AC, 50 Hz-nätuttag.
- Koppla ur nätkontakten :

– om den röda lampan under TV-skärmen blinkar hela tiden.
– om en klar, vit linje syns tvärs över skärmen.
– vid åskväder.
– när apparaten lämnas obevakad under längre tid.

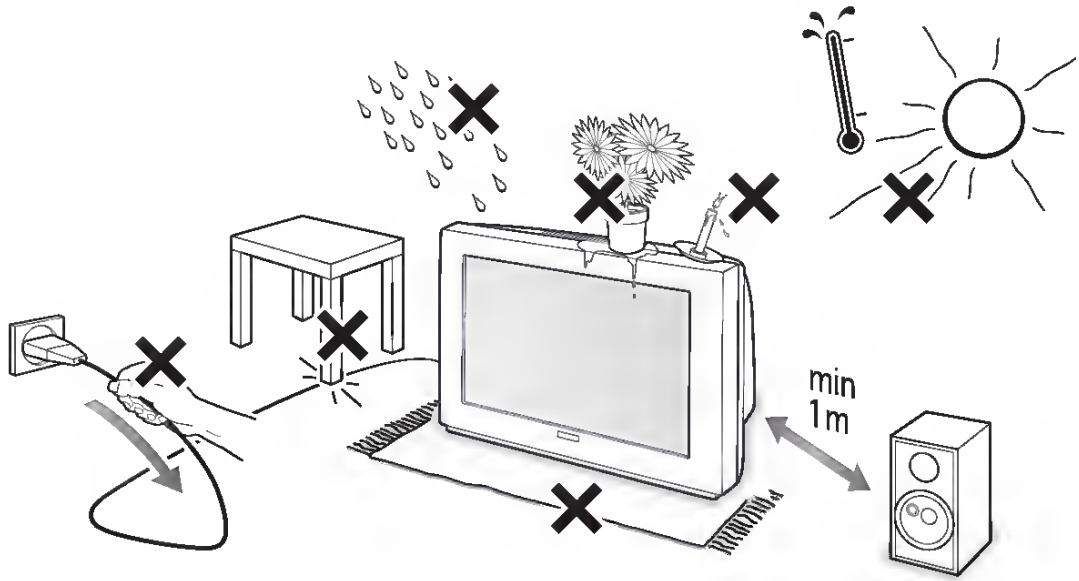
- Rengöring av TV-skärmen. Använd aldrig rengöringsmedel med slipmedel. Använd ett fuktigt sämskskinn eller en mjuk trasa.
- Placera ingen öppen låga, till exempel tända ljus, ovanpå TV-apparaten eller i dess närhet.
- Placera inte TV-apparaten i direkt solsken eller på en varm plats.
- Täck aldrig över eller stäng in TV-apparaten, eftersom den då kan bli överhettad.
- Lämna ett minst 5 cm:s utrymme runt TV-apparaten för att ventilationen skall bli tillräcklig.
- Placera inte TV-apparaten så att den kan utsättas för regn eller fukt (t.ex. i närheten av ett fönster).
- Batterianvändning VARSAMHET – För att förhindra batteriläckage, som kan medföra personskada, skada på egendom eller skada på enheten:

– Sätt i samtliga batterier korrekt, med + (plus)- och – (minus) placerade enligt markeringen på enheten.
– Använd aldrig olika slags batterier (gamla och nya eller kolbatterier och alkaliska, osv.).
– Ta ur batterierna om enheten inte ska användas under längre tid.

- Apparaten får ej utsättas för droppar eller stänk, och inga vätskefyllda föremål, t ex vaser, får placeras ovanpå apparaten.

Praktiska tips

- Lämna aldrig enheten i standby/viloläge under längre tid. Stäng av enheten för att den ska kunna avmagnetiseras. En avmagnetiserad enhet ger en god bildkvalitet.
- Flytta inte omkring enheten när den är påslagen. Detta kan medföra att vissa delar av skärmen får ojämn färgkvalitet.
- Försök aldrig reparera en felaktig TV-apparat på egen hand. Kontakta alltid auktoriserad servicepersonal.



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Troubleshooting

Should any problem persist after you have checked these symptoms, consult your nearest Aiwa dealer.

Symptom	Cause and/or corrective action
The volume does not increase even if you press VOL + repeatedly.	→ AVLS is set to "ON". Set it to "OFF". (page 22)
No sound, or noise is heard.	→ Connect the headphones/earphones firmly. (page 13) → Plugs are dirty. Clean the headphones/earphones plugs with a dry soft cloth periodically.
Certain files cannot be played.	→ You tried to play files saved in a format that is not compatible with this CD player. (page 6)
The playing time is too short when powered with the dry batteries.	→ Check that you are using alkaline batteries and not manganese batteries. (page 25) → Replace the batteries with new LR6 (size AA) alkaline batteries. (page 25)
"Lo batt" appears on the display. The CD does not play.	→ Replace the batteries with new LR6 (size AA) alkaline batteries. (page 25)
"Hi DC in" appears on the display.	→ An AC power adaptor which is rated higher than the one supplied or recommended is being used. Use only the supplied AC power adaptor recommended in "Optional accessories". (page 32)
The CD does not play or "No disc" appears on the display when a CD is placed in the CD player.	→ The CD is dirty or defective. → Check that the CD is inserted with the label side up. (page 13) → Moisture condensation has occurred. Leave the CD player aside for several hours until the moisture evaporates. → Close the lid of the battery compartment firmly. (page 25) → Make sure the batteries are inserted correctly. (pages 25) → Connect the AC power adaptor to an AC outlet securely. (page 13) → Press ▶II/ENT after one second or more has passed since the AC power adaptor was connected. → The CD-R/RW is blank. → There is a problem with the quality of the CD-R/RW, recording device, or application software.

3.3.5 Preparing the Platform

Before printing, the platform must be prepared so that the model adheres to the platform enough to be printed without the model moving. Use the two clips in the box provided, these are used to clip the front of the Perfboard onto the platform. For large models the warping force can be so strong that it will cause the Perfboard to warp as well, in these cases you will need to use more clips to hold it down.

The Perfboard is cut at 45 degrees angle with the edge, and just fits the size of the platform. When printing starts, plastic will have more chance to be pushed into all perforations, and this provides a stronger mechanical bond with the bottom surface that prevents it from later lifting.

Cleaning the Perfboard

To clean the platform, use the included red Perfboard pokers. The preference is to use the spatula and simply just scrape off the surface plastic until smootb on both sides. If you preheat the table for longer the plastic left in the Perfboard holes becomes soft and the extruded plastic sticks to it, thus not requiring the holes of the Perfboard to be empty/clean.

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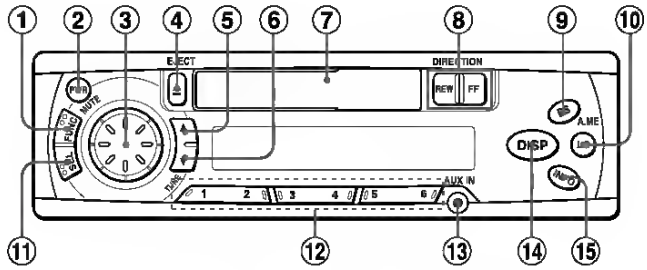
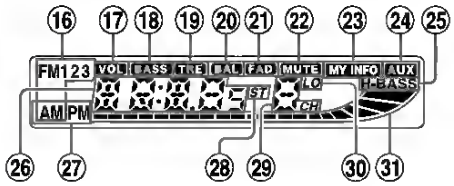
ORGANES ET COMMANDES

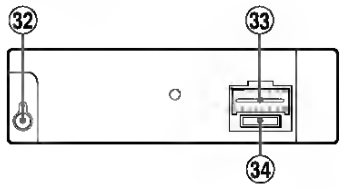
Panneau avant



Fenêtre d'affichage



Panneau arrière



Panneau avant

① Touche FUNC (fonction)
② Touche PWR (mise sous/hors tension)/ MUTE
③ Bague Jog
④ Touche ⏏ (éjection)
⑤ Touche TUNE ▲
⑥ Touche TUNE ▼
⑦ Logement de cassette
⑧ Touche DIRECTION REW/FF
⑨ Touche A.ME (mémoire automatique)/PS (balayage de préréglage)
⑩ Touche LO (local)
⑪ Touche SEL (sélection)
⑫ Touches de stations préréglées (1 – 6)
⑬ Prise AUX IN (dia. 3,5 mm)
⑭ Touche DISP (affichage)
⑮ Touche INFO (mes informations)

Fenêtre d'affichage

⑯ Indicateur de bande
⑰ Indicateur VOL (volume)
⑱ Indicateur BASS (graves)
⑲ Indicateur TRE (aiguës)
⑳ Indicateur BAL (balance)
㉑ Indicateur FAD (fader)
㉒ Indicateur MUTE
㉓ Indicateur MY INFO (mes informations)
㉔ Indicateur AUX
㉕ Indicateur H-BASS (High BASS)
㉖ Section d'affichage principale
㉗ Indicateur AM/PM (horloge)
㉘ Indicateur ST (stéréo)
㉙ Section sous-affichage
㉚ Indicateur LO (local)
㉛ Indicateur d'activation/désactivation de tonalité bip

Panneau arrière

㉜ Prise d'antenne
㉝ Connecteur d'alimentation/enceintes
㉞ Fusible

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Air Baffle

To remove the air baffle:

1. Power down the server. See "Powering Down the Server" earlier in this chapter.
2. Remove the server from the rack. See "Removing the Server from the Rack" in this chapter.
3. Remove the access panel. See "Server Access Panel" earlier in this chapter.
4. Remove the PCI riser board assembly. See "PCI Riser Board Assembly" in this chapter.

CAUTION: Always remove the PCI riser board assembly before removing the air baffle. Failure to remove the assembly may result in damage to expansion boards.

5. Remove the air baffle by lifting it straight up from the system board.

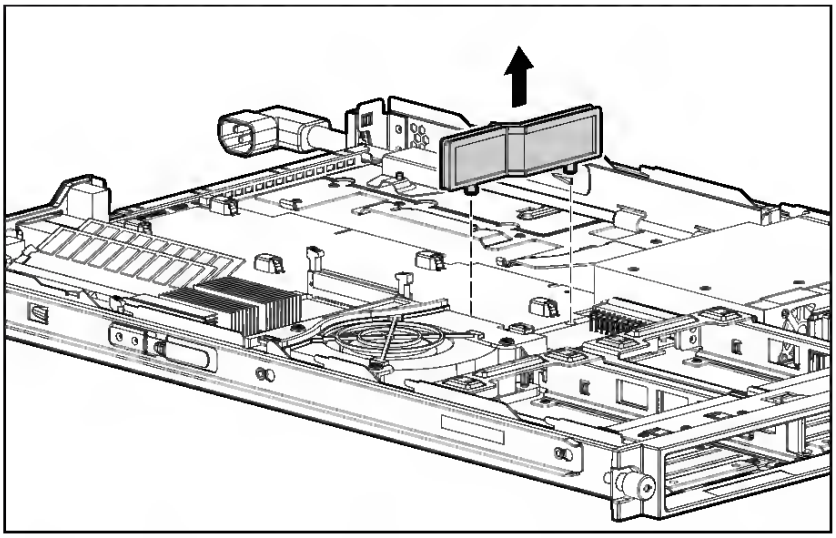

Figure 2-18: Removing the air baffle

Reverse steps 1 through 5 to replace the air baffle.

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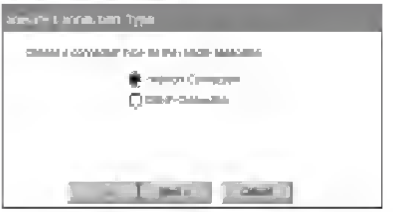


4. The Select a Citrix Server or Published Application screen will appear and If your Windows CE device is not on the same network as the Citrix server you want to connect to (for example, if you are on the other side of a router, across the Internet, or using RAS to connect to a remote network containing Citrix servers), the server and published application list will not contain that server. In this case, click "Server Location" and go to Step 5. Otherwise, scroll through the list and select the Citrix server or published application or type the name of the Citrix server or published application in the edit field. Click "Next" to continue, and go to Step 6.

5. In the Server Location screen, the ICA Windows CE Client uses the information entered in the Server Location dialog to help locate available Citrix servers and published applications. The default value entered in the Address field is Auto-Locate. To use Auto-Locate, your Windows CE device and the Citrix server you want to connect to must be on the same local network. If you are on another network (for example, if you are on the other side of a router, across the Internet, or connected by RAS) you must enter the IP address or DNS name of a Citrix server on the network that contains the Citrix server you want to connect to. Click "Add" and enter the IP address or DNS name of any Citrix

- Check that the devices are connected properly.
- Verify that picture settings are correctly set. See *Section 5.3 Adjust picture settings*.

The TV did not save my settings:

- Verify that the TV is set to **Home** mode, which offers you complete flexibility to change settings. See *Section 5.4 Change to Shop or Home mode*.

The picture does not fit the screen, it is too big or too small:

- Try using a different picture format as described in *Section 5.3 Change picture format*.

The picture position on screen is not correct:

- Picture signals from some devices do not fit the screen correctly. Check the signal output of the device.

9.4 Sound issues

There is picture but no sound from the TV:

Note: If no audio signal is detected, the TV automatically switches off audio output and does not indicate malfunction.

- Check that all cables are properly connected.
- Check that the volume is not set to 0.
- Check that the sound is not muted.

There is picture but sound quality is poor:

- Check **Sound** settings as described in *Section 5.3 Adjust sound settings*.

There is picture but sound comes from one speaker only:

- Verify that **Balance** correctly set as described in *Section 5.3 Adjust sound settings*.

9.5 HDMI connection issues

You encounter problems with HDMI devices

- HDCP support can delay the time taken for a TV to display content from a device.
- If the TV does not recognise the device and the screen displays no picture, try switching from one device to another and back again to restart.
- If you experience intermittent sound disruptions, check the user manual of the HDMI device to verify that output settings are correct. Alternatively, try connecting the audio signal from the HDMI device to the TV via AUDIO IN at the back of the TV.

9.6 PC connection issues

The PC display on my TV is not stable or is not synchronised:

- Check that a supported resolution and refresh rate is selected on your PC. See *Section 8 Technical specifications* for supported resolutions and refresh rates.

9.7 Contact us

If you cannot resolve your problem, refer to the FAQ for this TV at www.philips.com/support.

If the problem remains unresolved, contact the Customer Support Centre in your country as listed in this user manual.

WARNING: Do not attempt to repair the TV yourself. This may cause severe injury, irreparable damage to your TV or void your warranty.

Note: Please have available your TV model and serial number before contacting us. These numbers are available on the back and side of your TV, as well as on the packaging.

There are two configurations for redundant pairs of controllers: Active/Active Failover mode and Active/Passive Failover mode. In Active/Active Failover, each controller in the redundant pair has one active SCSI host port and one passive SCSI host port. Redundancy Groups (Virtual LUNS) can be mapped only to one active host port and are not accessible from the passive port or the other controller (i.e. partitioned model).

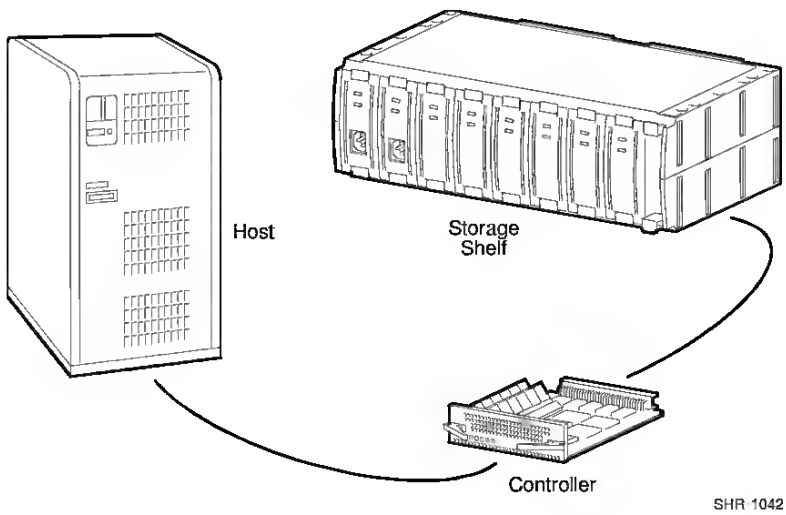
In Active/Passive Failover, one controller in the redundant pair has both SCSI host ports active and the other controller is in a standby passive mode. Redundancy Groups (Virtual LUNs) can be mapped to either SCSI host port or to both as in the single controller model.

In both cases a single controller failure will not affect the subsystem because the surviving controller will take over.

2.2 Controller Features

The controller is the intelligent bridge between the host and the devices in the shelf. From the host's perspective, the controller is simply another SCSI device connected to one of its I/O buses. Consequently, the host sends its I/O requests to the controller just as it would to any other SCSI device. Figure 2–2 shows the role of the controller between the host and the Device Expansion Shelf.

Figure 2–2 Bridging the Gap Between the Host and Device Expansion Shelf



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Cleaning the TV/VCR

Turn off the TV/ VCR before cleaning.

You can clean the TV/ VCR as required by using a soft cloth or the dusting attachment of your vacuum cleaner. Be sure to occasionally vaccuum the ventilation slots in the cabinet to help assure adequate ventilation.

To clean the TV/ VCR screen, use a soft cloth dampened with a diluted soap and water mixture. Do not use furniture polish on the TV/ VCR cabinet or screen.

While cleaning, do not spray liquid directly on the screen or allow liquid to run down the screen or inside the TV/VCR. Also, avoid placing drinks or vases with water on top of the TV/VCR. This could increase the risk of fire, shock hazard, or damage to the TV/VCR.

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Setting up your Google email

1. Make sure your smartphone is connected to a data or Wi-Fi connection.
2. From the *Application menu* tap **Gmail**.

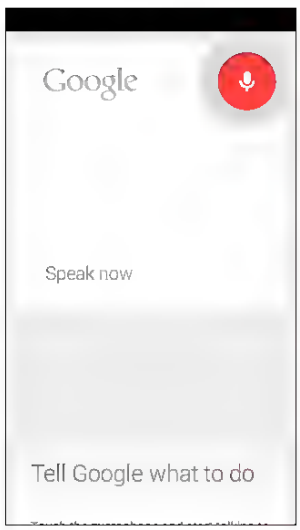
If you did not enter your Gmail account address and password when you first started your smartphone, follow the onscreen instructions.

Composing an email

1. Make sure your smartphone is connected to a data or Wi-Fi connection.
2. From the *Application menu* tap **Gmail**.
3. Tap .
4. Enter the recipient's email address, the subject and message.
5. When you are finished composing your message, tap .

Voice search

With voice actions, you can send text messages, place calls, send emails, find directions of establishments, automatically call establishments, search the internet and even send a note to yourself using your voice. Tap **Voice Search** from the *Application menu*, or tap the *microphone* icon on the *Home screen*.



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NOTA

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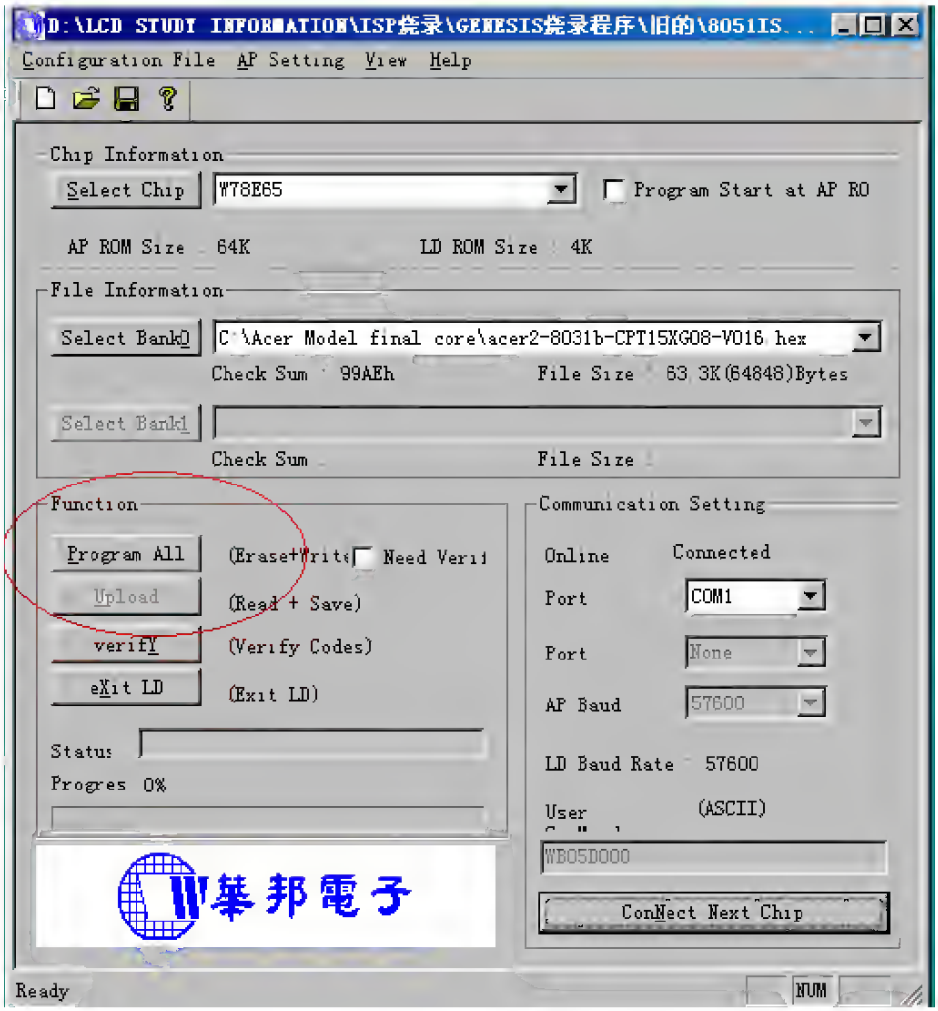
Step6-- Before Executing ISP,the interface change as below

Click “Program All” button that will execute erase and program



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OSD Messages

#	Condition	Message Reminder
1	Message	Fan Fail - the system fan is not working. Fan Fail Lamp will automatically turn off soon Projector Overheated - the projector has exceeded its recommended operating temperature and must be allowed to cool down before it is used. Please also check the dust filters if they are installed. If the dust filter is clogged with dust, please clean it. Projector Overheated Lamp will automatically turn off soon Replace the lamp - the lamp is about to reach its maximum lifetime. Prepare to replace it soon. Lamp is approaching the end of its useful life in full power operation Replacement suggested!

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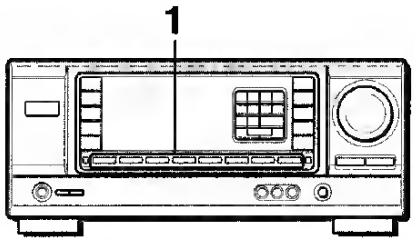
SELECTION D'UNE SOURCE AUDIO OU VIDEO



1 Sélectionnez la source de programme.
Appuyez sur une des touches FUNCTION ou la touche TAPE MONITOR.

Pour écouter ou regarder	Appuyez sur la touche
une cassette	TAPE MONITOR
la radio	TUNER
un disque analogique	PHONO
la télévision, etc.	AUX/TV[a]
un disque compact	CD
une vidéo (magnétoscope ou LD)	VIDEO 1, VIDEO 2[a], VIDEO 3
MD	VIDEO 2[a]

[a]: Pour sélectionner AUX/TV, ou VIDEO 2/LD/MD, voir "Pour changer le nom affiché pour la touche AUX/TV et la touche VIDEO 2 dans "AVANT DE COMMENCER" (voir page 6).

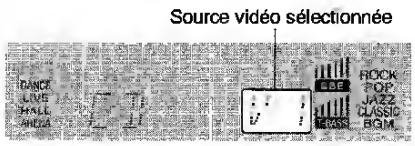
REMARQUE

Quand vous utilisez un tourne-disque avec amplificateur égaliseur intégré, réglez l'interrupteur de l'emplificateur égaliseur sur erràt. Reportez-vous au mode d'emploi de la platine tourne-disque pour les détails.

2 Démarrez la source de programme sélectionnée.

3 Réglez le son.

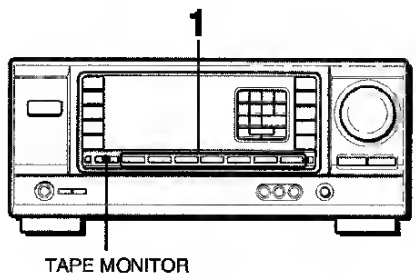
A propos de la source vidéo fournie au moniteur ou téléviseur



V1: VIDEO 1, V2: VIDEO 2, V3: VIDEO 3

La source vidéo sélectionnée est indiquée sur l'afficheur et le signal vidéo transmis par la prise MONITOR VIDEO OUT apparaît sur le téléviseur.

ENREGISTREMENT D'UNE SOURCE AUDIO



1 Sélectionnez la source de programme qui doit être enregistrée.
Appuyez sur une des touches FUNCTION.

2 Mettez la platine à cassette ou l'enregistreur MD en mode d'enregistrement.

3 Démarrez la source de programme sélectionnée.

Pour contrôler le son enregistré pendant l'enregistrement (quand la platine à cassette raccordée a trois têtes)
Appuyez sur la touche TAPE MONITOR. "TAPE ON" apparaît sur l'afficheur pendant quatre secondes, puis le nom de la source sélectionnée à l'étape 1 réapparaît. Pour cesser de contrôler le son, appuyez une nouvelle fois sur la touche pour que "TAPE oFF" apparaisse.

REMARQUE

Le son contrôlé avec le système BBE n'e eucun effet sur l'enregistrement (voir page 7).

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Configuring Intercoms

Configure Intercoms

When Intercoms are shipped from Aiphone, they do not have IP address information configured. To configure them, you must connect them to your network, install TalkMaster™ and select the menu Admin → Configure Intercoms.

The Intercom Configuration Tool will immediately search for all Aiphone intercoms connected to your current network segment. You must match the Icom ID displayed on the TalkMaster screen to the ID# printed on the back of the intercom and then configure the Intercom's IP address information and the IP address of the server it will connect to.

If you have intercoms located in a different network segment, you may not find them since many routers filter out UDP Broadcasts. You can either install these intercoms on the current network segment or you can install a copy of TalkMaster in the other network segment to configure your intercoms. You may also refer to the TalkMaster installation CD for instructions on installing the UBAM™ software which will allow you to configure units across different networks.

A network segment is determined by looking at the subnet mask and the corresponding bits in the IP Address. For example, on IP Address 192.168.2.175 Subnet 255.255.255.0, the network segment is 192.168.2, and on IP Address 126.10.11.12 Subnet 255.255.0.0, the network segment is 126.10.

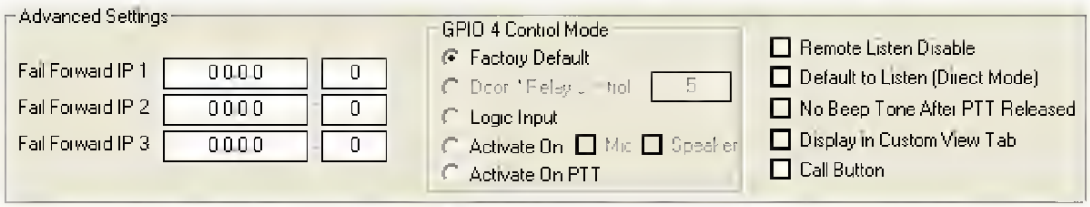
To configure Intercoms to connect to TalkMaster™, see Intercom Configuration - TalkMaster Clients.

To configure two Intercoms to communicate with each other in Direct Mode, see Intercom Configuration - Direct Mode.

Advanced Configuration

When the Advanced Configuration option is checked in the Intercom Configuration Tool View Menu, you can specify addition options for an IP Intercom.

If these options are grayed out, you have an intercom with legacy firmware. You can configure intercoms with legacy firmware from the main TalkMaster™ screen using the menu Admin → Preferences and selecting the Legacy tab. To update the firmware, see Updating Firmware.



Fail Forward IP 1,2,3 allow you to specify up to three IP addresses of alternate TalkMaster consoles that this Intercom will attempt to connect to if it's current TalkMaster console becomes unavailable. If an Intercom has failed forward to an alternate IP and it's default TalkMaster console is restarted, the default TalkMaster console can reacquire the intercom by using the menu Console → Retrieve Intercoms.

GPIO 4 Control Mode allows you to specify how General Purpose I/O (GPIO) port 4 is used. On Intercom models IP-EWST and IP-EWST-POE, GPIO 4 is connected to a relay (dry contact).

The normal state for GPIO 4 is logic high (+5 volts). When activated, it changes to logic low (0 Volts).

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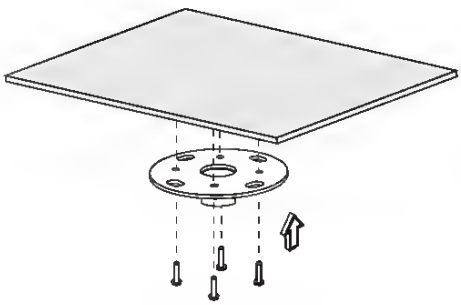
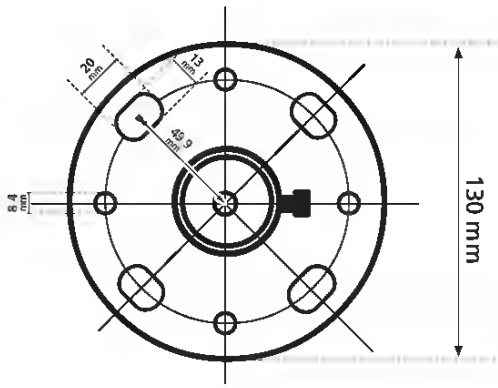
English

Ceiling Mount Installation

If you wish to install the projector using a ceiling mount, please refer to the steps below:

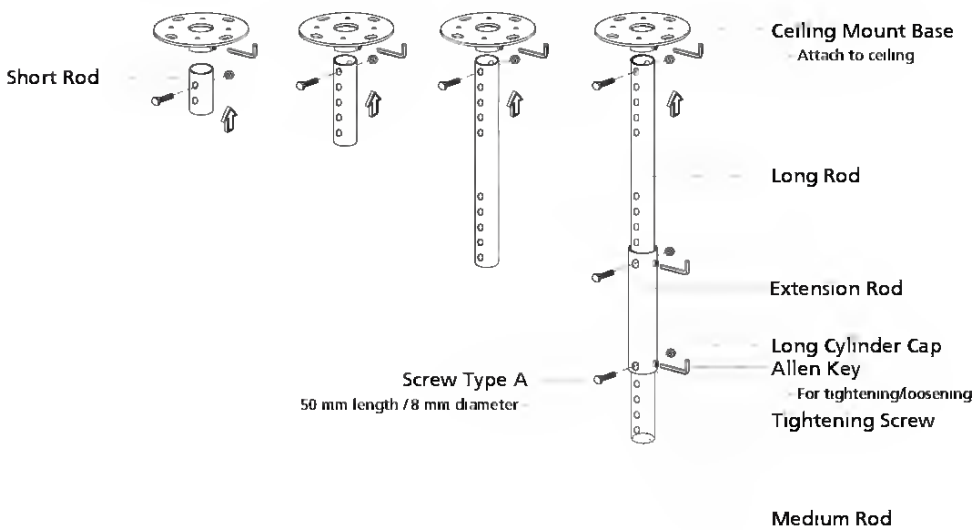
1 Drill four holes into a solid, structurally sound part of the ceiling, and secure the mount base.





Note: Screws are not included. Please obtain the appropriate screws for your type of ceiling.

2 Secure the ceiling rod using the appropriate type of four-cylinder screws.



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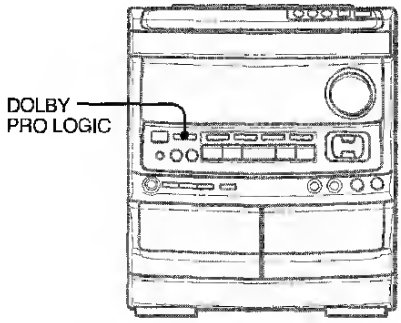
REPRODUCCION CON DOLBY PRO LOGIC



1 Empiece a reproducir la fuente de vídeo.

2 Pulse el botón DOLBY PRO LOGIC.
Se seleccionará NORMAL y el sonido de reproducción tendrá el efecto DOLBY PRO LOGIC.

Para cancelar el modo Dolby Pro Logic
Pulse repetidamente el botón DOLBY PRO LOGIC hasta que se visualice P-oFF.

OTROS MODOS DOLBY PRO LOGIC

Además del modo NORMAL, esta unidad tiene tambien los modos PHANTOM y 3 CH LOGIC.
Modo PHANTOM: Utilice este modo cuando no esté conectado el altavoz central. Las señales del altavoz central saldrán por los altavoces derecho e izquierdo.
Modo 3 CH LOGIC: Utilice este modo cuando no esten conectados los altavoces de sonido ambiental. Este modo reproduce el sonido de los altavoces traseros por los altavoces delanteros.

Para seleccionar PHANTOM o 3 CH LOGIC
Pulse el botón DOLBY PRO LOGIC para pasar por los modos de la forma siguiente

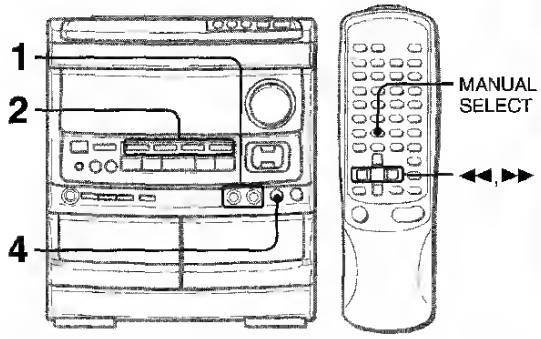
NORMAL → PHANTOM → 3 CH LOGIC → cancelación

Para ajustar el equilibrio de los niveles de sonido de los altavoces conectados
Realice los pasos 2 a 4 de la página 17.

NOTA

- Dependiendo de la fuente de sonido y/o de las condiciones de escucha, tal vez no se obtenga un efecto de sonido ambiental aunque DOLBY PRO LOGIC esté activado.
- El efecto completo de DOLBY PRO LOGIC no se podrá obtener cuando se utilicen programas que no tengan la marca DOLBY SURROUND. En este caso, utilice el sistema SURROUND. (Consulte la página 7.)

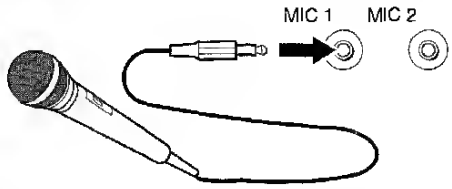
MEZCLA MICROFONICA



A esta unidad podrán conectarse dos micrófonos (no suministrados), permitiéndole así cantar con el acompañamiento de las fuentes musicales.
Utilice micrófonos con miniclavijas (3,5 mm ø).

Antes de conectar un micrófono
Ponga el control MIC MIXING en MIN.

1 Conecte sus micrófonos a las tomas MIC 1 y MIC 2.



2 Pulse uno de los botones de función para seleccionar la fuente de sonido que vaya a ser mezclada y luego reprodúzcala.

3 Ajuste el volumen y el tono de la fuente de sonido.

4 Ajuste el volumen del micrófono con el control MIC MIXING.
El volumen de ambos micrófonos se ajustará simultáneamente.

Para hacer eco con el sonido del micrófono
Pulse una vez el botón MANUAL SELECT del control remoto y luego pulse el botón ◀◀ o ▶▶. La visualización cambiará de la forma siguiente:

MAX (máximo) ↔ –3 ↔ –6 ... –15 ↔ MIN (mínimo)

- Asegúrese de que SURROUND y DOLBY PRO LOGIC estén desactivados antes de pulsar el botón MANUAL SELECT.

Para grabar el sonido de micrófono mezclado con el sonido de la fuente
Siga el procedimiento de grabación de la fuente de sonido (consulte la página 13).
El botón SYNC DUB no se podrá utilizar para grabar la mezcla.

Cuando no utilice los micrófonos
Ponga el control MIC MIXING en MIN y desconecte los micrófonos de las tomas MIC.

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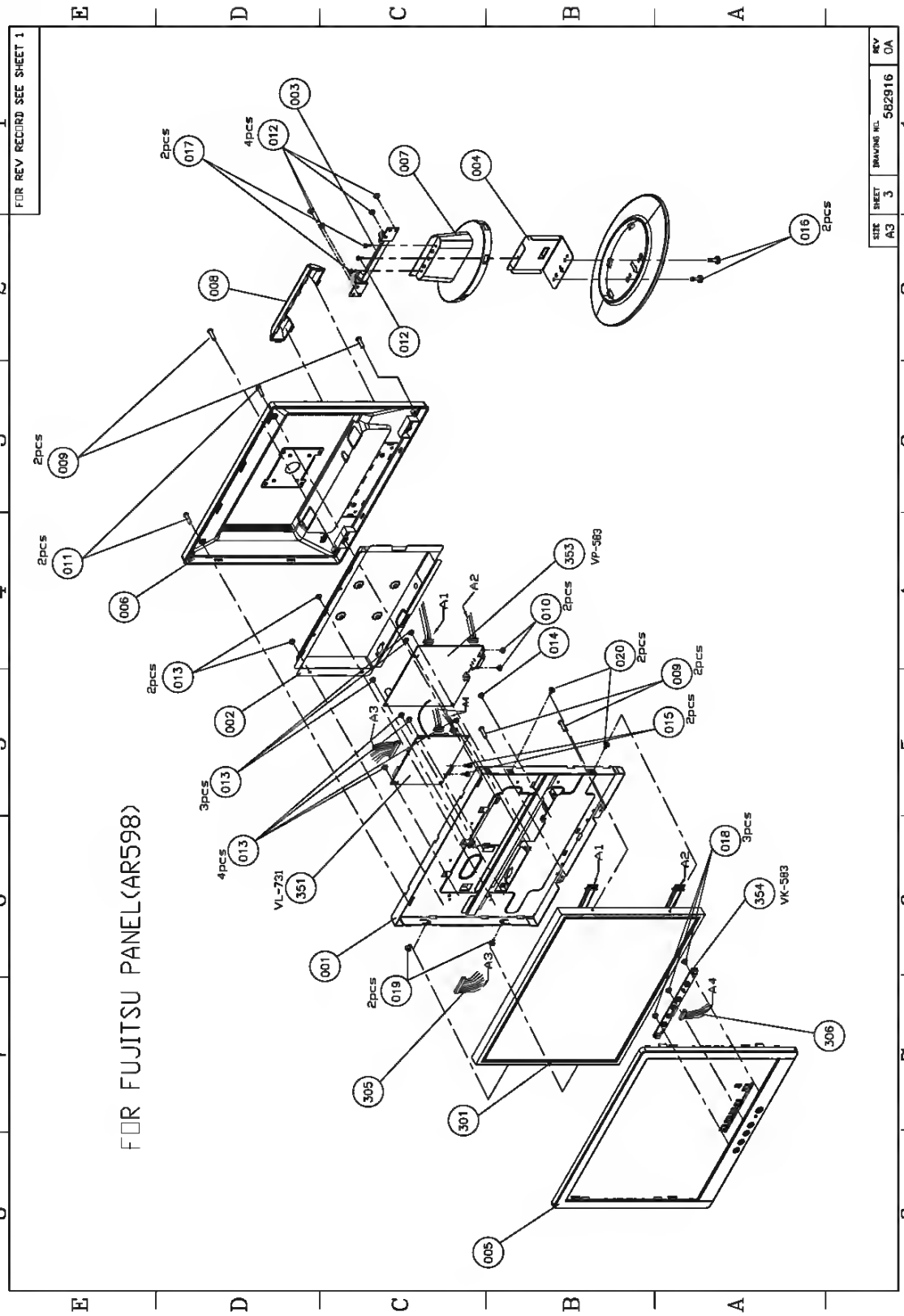
Deployment Procedure

To perform a diskette or diskette image deployment:

1. Do one of the following:
   - — Insert the boot diskette into the client PC from which you are running the iLO Remote Console.
   - — Use iLO to create an image file of the boot diskette.
   - — Copy the image of the boot diskette to a location on the network or the client PC hard drive.
2. Access the server blade through the iLO Remote Console. Refer to the "Accessing the Server Blade with iLO Remote Console" section in this chapter.
3. Select the **Virtual Devices** tab.
4. Select **Virtual Media**.
5. Use the Virtual Media applet to select the local diskette or image file and connect the Virtual Floppy to the server blade.
6. Use the iLO Virtual Power Button feature to reboot the server blade.
7. After the server blade boots, follow the normal network installation procedure for the operating system.

Model: AL1912



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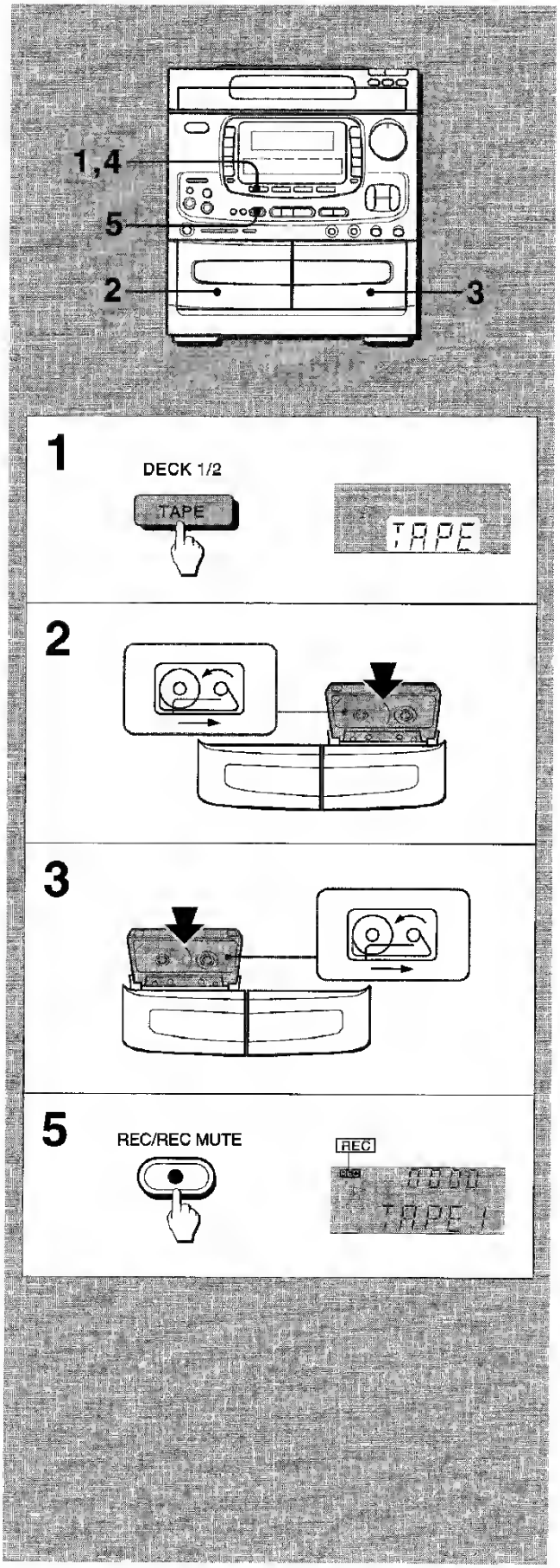
RECORDING FROM TAPE TO TAPE MANUALLY



Preparation

- Wind up the tape to the point where recording will start. (Note that recording is done only on one side of the tape.)
- Use normal (type I) or CrO_2 (type II) tapes.

1 Press the TAPE/DECK 1/2 button.

If a tape is inserted
When pressing the TAPE/DECK1/2 button with the power off, play begins by the direct play function. Press the ■ button to stop playback.

2 Insert the tape to be recorded on into deck 2.

Press the EJECT ≙ mark to open the cassette holder. Insert the tape with the side to be recorded on facing you and the exposed side down.

3 Insert the original tape into deck 1.

Press the EJECT ≙ mark to open the cassette holder and insert the tape with the exposed side down.

4 Check if "TAPE 1" is displayed in the display.

If it is not displayed, press the TAPE/DECK 1/2 button.

5 Press the ● REC/REC MUTE button to start recording.

Playing and recording start simultaneously
When you use the remote control to start recording, first press the ●/O REC/REC MUTE button and then press the ◄► button within 2 seconds.

To stop recording
Press the ■ button.

Dolby NR
Regardless of whether the DD NR indicator is displayed or not, the Dolby NR system does not affect the recording.

To erase a recording

1 Insert the tape you want to erase into deck 2.
2 Press the TAPE/DECK 1/2 button to display TAPE 2.
3 Wind up the tape to the point where the erasure is to be started.
4 Set the reverse mode by pressing the REV MODE button.
5 Press the ● REC/REC MUTE button to start the erasure.

Sound adjustment during recording
The output volume and tone except BBE (T-BASS, GEQ and DSP) of the speakers or headphones may be freely varied without affecting the level of the recording.

Recording with BBE
Sound can be recorded with BBE except when recording with one of the SYNCHRO DUBBING buttons. When listening to a tape recorded with BBE, it is recommended that BBE be set to off.

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IEEE 1394 Port

The computer's IEEE 1394 port allows you to connect to an IEEE 1394 supported device like a digital video camera.

See your video or digital camera's documentation for details.

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2.1 Entering Setup

To enter Setup, simultaneously press the key combination CTRL+ALT+ESC.

You must press CTRL+ALT+ESC while the system is booting. This key combination does not work during any other time.

The Setup Utility Main Menu appears:

Setup Utility

- System Information
- Product Information
- Disk Drives
- Onboard Peripherals
- Power Management
- Boot Options
- Date and Time
- System Security

- Load Default Settings
- Abort Settings Change

The system supports two BIOS Utility levels: Basic and Advanced. The above screen is the BIOS Utility Basic Level screen. This allows you to view and change only the basic configuration of your system.

If you are an advanced user, you may want to check the detailed configuration of your system. Detailed system configurations are contained in the Advanced Level. To view the Advanced Level, press F8. The screen shows the BIOS Utility Advanced Level main menu.

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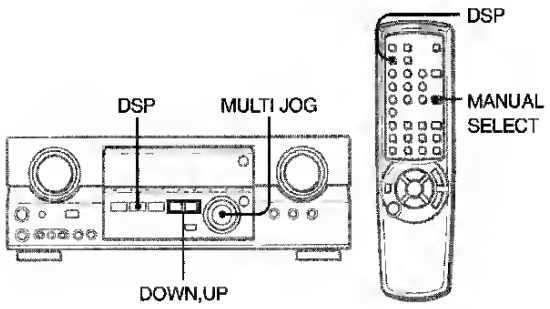
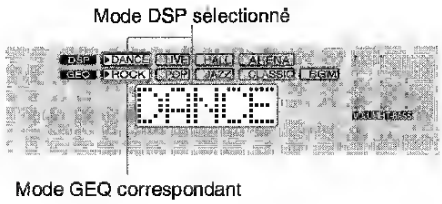
PROCESSEUR D'AMBIANCE



Les circuits du processeur d'ambiance (DSP) peuvent recréer l'effet de sons réfléchis par les murs et les plafonds, pour simuler la présence d'un environnement particulier. Il y a quatre modes d'ambiance avec les modes d'égalisation correspondants. Les modes d'égalisation sont automatiquement sélectionnés et peuvent être activés ou désactivés selon vos goûts.

Appuyez sur la touche DSP et tournez MULTI JOG jusqu'à ce que le mode DSP voulu s'affiche.
La désignation du mode sélectionné s'affiche pendant quatre secondes et les indicateurs ▶ apparaissent à la gauche de la désignation DSP sélectionnée et de la désignation du mode GEQ correspondant.



Quand la source de musique est monophonique
Sélectionnez LIVE pour simuler un effet stéréo. Quand vous selectionnez DANCE, HALL ou ARENA, aucun son n'est fourni par les enceintes surround.

Pour annuler le mode sélectionné
Appuyez sur la touche DSP. "DSP OFF" apparaît sur l'afficheur. Même si vous annulez le mode DSP sélectionné, le mode GEQ correspondant ou sélectionné reste actif.

Pour sélectionner le mode avec la télécommande
Appuyez de façon répétée sur la touche DSP jusqu'à ce que le mode DSP souhaité soit affiché.
Quatre modes DSP et "DSP OFF" peuvent être sélectionnés.

Pour ajuster le volume et la balance des enceintes surround
Appuyez deux ou trois tois sur la touche MANUAL SELECT de la télécommande alors que le système DSP est activé de manière à afficher "S-R 0dB" (pour l'enceinte surround droite) ou "S-L 0dB" (pour l'enceinte surround gauche). Puis, appuyez plusieurs tois de suite sur la touche DOWN ou UP dans un délai de quatre secondes.
Attention que le volume et la balance des enceintes surround des modes 5.1 CH et Dolby Pro Logic sont également changés.

REMARQUE

- Le système DSP est automatiquement annulé quand:
  - le Dolby Pro Logic est activé
  - la fonction 5.1 CH est sélectionnée
- Le système DSP ne peut pas être activé quand
  - la fonction 5.1 CH est sélectionnee
  - un casque d'écoute est branché

SON

F

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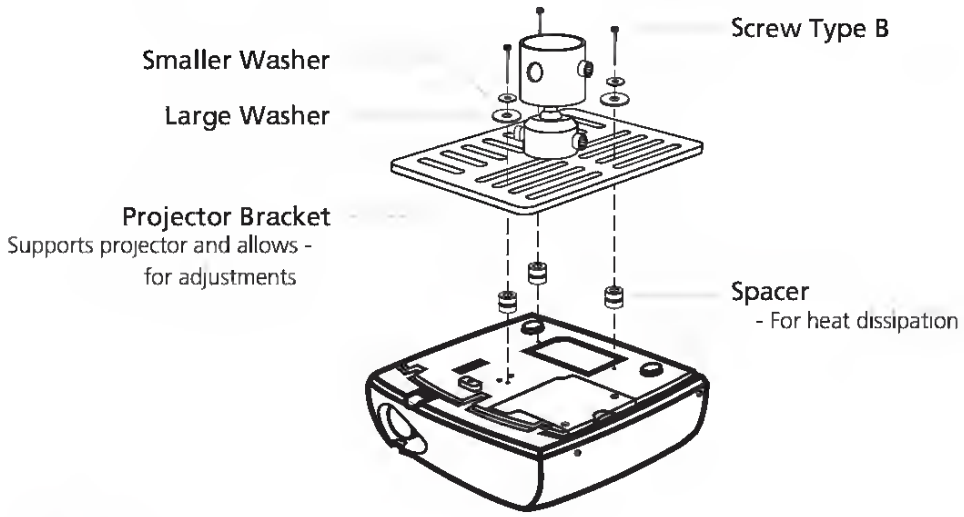
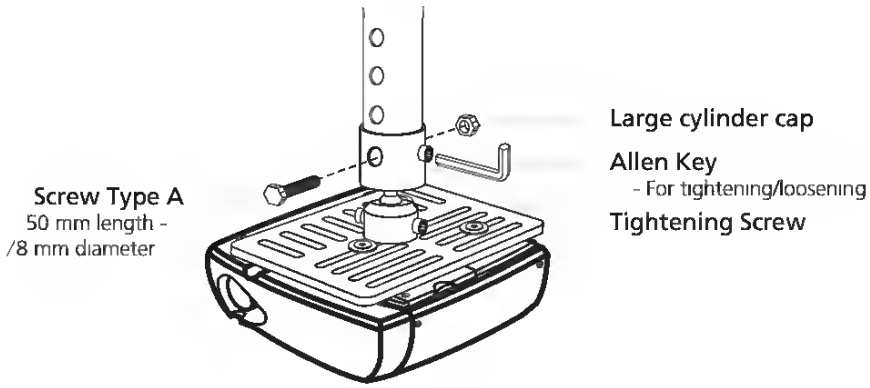
3 Use the appropriate number of screws for the projector size to attach the projector to the ceiling mount bracket.



Note: It is recommended that you keep a reasonable space between the bracket and the projector to allow for proper heat distribution. Use two washers for extra support, if deemed necessary.

4 Attach the ceiling bracket to the ceiling rod.



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スクリーンとディスプレイ

ホーム界面

ステータスバー：通知とステータスアイコンを表示されます。

ディスプレイ：APP アイコン、デスクトップファイル等を表示されます。

画面切り替えインジケータ：現在の画面位置を表示されます。

全てのアプリ：全てのアプリを表示されます。

ショートカットバー：頻繁に使用するアプリを配置します。

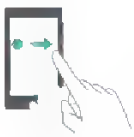
ナビゲーションバー

界面の基本操作

クリック：ターゲットを 1 回クリックします。 例えば：クリックして選択を確認するか、アプリを開きます。

長押し：ターゲットに 2 秒以上触れます。 例えば：ホーム画面の空白領域を長押しして、ホーム画面の編集状態に入ります。

スワイプ：画面上で指をスライドさせます。例えば：画面上で指を上下または左右にスワイプすると、ドキュメントをスクロールしたり、他のホームページに移動したり、他の操作を実行したりできます。



ドラッグ：ターゲットを長押しして、画面上の別の場所に移動します。 例えば：ホーム画面で、ウィジェットまたはアイコンを任意の場所にドラッグします。

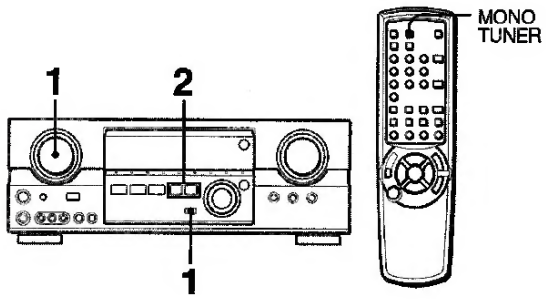
画面壁紙を設定

方法 1: (1)「設定」を開く。 (2)「ディスプレイ」をクリック ＞ 壁紙 ＞ 壁紙を選択。
方法 2: (1) ホーム界面での空白部分を押したままにすると、非表示の界面が表示されます。 (2) 壁紙 をクリックして、壁紙の設定界面に入ります。

デスクトップのアイコンを管理

必要に応じて、フォルダを作成したり、デスクトップのアイコンを移動および削除したりできます。

ACCORD MANUEL



1 Tournez le sélecteur FUNCTION pour sélectionner la fonction TUNER et appuyez plusieurs fois de suite sur VIDEO 1/5.1CH/BAND pour sélectionner la bande voulue.

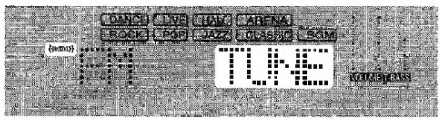
FM → AM

L'afficheur passe à l'indication de la fréquence après avoir indiqué la bande et la source vidéo (V1, V2 ou V3) pendant deux secondes.

2 Appuyez sur la touche UP ou DOWN pour sélectionner une station.

Chaque fois que vous appuyez sur cette touche, la fréquence change.

Lorsqu'une station est captée, "TUNE" s'affiche pendant deux secondes. En cours de réception stéréo FM, ((●)) s'affiche.



Pour rechercher une station rapidement (recherche automatique)

Maintenez la touche UP ou DOWN enfoncée jusqu'à ce que le tuner entame la recherche d'une station. La recherche s'arrête dès que l'accord s'est fait sur une station.

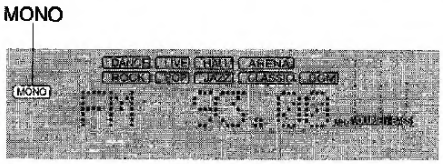
Pour arrêter manuellement la fonction de recherche automatique, appuyez sur la touche UP ou DOWN.

- Il est possible que la recherche automatique ne s'arrête pas sur les stations émettant avec de très faibles signaux.

Quand une émission stéréo FM est parasitée

Appuyez sur la touche MONO TUNER de la télécommande de façon à ce que "MONO" apparaisse dans l'afficheur.

Les parasites sont réduits, mais la réception est monophonique.



Pour restaurer la réception stéréo, appuyez sur la touche de façon à ce que "STEREO" apparaisse.

Pour changer l'intervalle d'accord AM

Le réglage par défaut de l'intervalle d'accord AM est de 10 kHz/incrément. Si vous utilisez cet ampli-tuner dans une zone géographique où le système d'allocation des fréquences connaît un système à 9 kHz/incrément, changez l'intervalle d'accord.

Maintenez la touche VIDEO 1/5.1CH/BAND enfoncée et appuyez ensuite sur le touche POWER.

Pour restaurer l'intervalle, répétez cette procédure.

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General

This product complies with the radio frequency and safety standards of any country or region in whicb it has been approved for wireless use. Depending on configuration, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Information below is for products with such devices.

Certificate Information (SAR)

This device meets the EU requirements (1999/519/EU) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The limits are part of extensive recommendations for the protection of the general public. These recommendations have been developed and checked by independent scientific organizations through regular and thorough evaluations of scientific studies. To guarantee the safety of all persons, regardless of age and health, the limits include a significant safety buffer. Before radio devices can be put in circulation, their agreement with European laws or limits must be confirmed; only then may the CE symbol be applied.

The unit of measurement for the European Council's recommended limit for mobile telephones is the "Specific Absorption Rate" (SAR). This SAR limit is x W/kg, averaged over 10 g of body tissue. It meets the requirements of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and was included in the European Standard EN 50360 for mobile radio devices. The SAR regulation for mobile telephones is in line with European Standard EN 62209-1.The maximum SAR value is calculated at the highest output level in all frequency bands of the mobile telephone. During

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Warranty

Aiphone warrants thats its products have no material or workmanship defects under normal use conditions for two years after delivery to the end user. Aiphone will perform repair or replacement free of charge if the product is defective and the warranty applies to the defect. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship and whether or not the product is under warranty. This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory. This warranty does not cover batteries or damage caused by batteries used in connection with the unit. This warranty only includes carry-in repairs. Any repairs must be made at the shop or place designated in writing by Aiphone. Aiphone will not be responsible for any costs incurred during on-site service calls. Aiphone will not provide compensation for any loss or damage incurred by the breakdown or malfunction of its products during use, or for any consequent inconvenience or losses that may result.

The object area of is the EU.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Tbese limits are designed to provide reasonable protection against barmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: ・Reorient or relocate the receiving antenna
・Connect the equipment to an outlet on a circuit different from that to which the receiver is connected. Increase the separation between the equipment and receiver. ・Consult the dealer or an experienced radio/TV technician for help.

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4 Applications

This section is designed to get you started with the DEQ230 by giving some sample settings. These are merely suggested settings; experiment and find your own once you begin to hear what the DEQ230 does to your sound.

In a way, it's absurd to suggest EQ settings without knowing what the source sounds like. EQ is a tool that's used to change the timbre of a sound, and it's impossible to suggest an EQ setting that, for example, will make all guitars sound better. So the goal of this section is to give you some ideas for using EQ on your own tracks.

Rock Kick Drum

A rock and roll kick drum is usually EQ'd quite a bit to make it sound the way it does on the radio. Usually an engineer will choose to cut some of the woofy low-midrange, while boosting the high-end "slap" and maybe even some of the lows. Here is a setting to try on a close-miked kick drum:

- Select all frequencies below 80Hz and boost 3dB
- Cut 500Hz by 8dB
- Boost all frequencies above 5kHz by 4dB

You may also want to apply some compression and gating with the Alesis CLX-440.

Vocal Air

A popular effect on vocals is to boost the high frequencies to add "air" to the vocal. This is an especially popular effect on ballads sung by R&B divas. This effect is achieved by boosting the high frequencies:

- Boost 16 kHz by 6dB
- Boost 20 kHz by 6dB

Tape Hiss Removal

If a recording has a lot of tape hiss, such as one transferred from cassette, you can usually get rid of it by dropping the high frequencies a bit:

- Select all frequencies from 8kHz up and cut them by 6dB

Adjust the gain of different bands to compromise between keeping the high end of the recording and eliminating tape hiss.

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